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REPORT
October 9, 1981

U.S. FOREIGN TRADE IN MACHINE TOOLS 1ST SIX MONTHS 1981

A strengthening of U.S. machine tool exports combined with a loss of import momentum has led to a substantial reduction in the U.S. machine tool trade deficit during the first half of 1981. Second quarter imports fell 6% from the previous quarter to a total of $352.4 million. U.S. exports increased 15% from the first quarter to a second quarter total of $310.7 million. After the first six months 1981, the U.S. machine tool deficit stands at $146.4 million -- a $213.8 million deficit in metal cutting types offset by a $67.4 million surplus in metal forming types. The current trade deficit is 42% lower than the $250.6 million deficit at the end of June last year. Year-to-date exports of $581.0 million represent a 61% increase over the first six months of 1980 while machine tool imports have risen 19% over the same period to a 6-month total of $727.5 million.

U.S. Machine Tool Trade
($Millions)

2nd Qtr. 1981	Exports	Imports	Surplus (Deficit)
Metal Cutting	$228.3	$309.5	($ 81.2)
Metal Forming	$ 82.4	$ 42.9	$ 39.5
Total	$310.7	$352.4	($ 41.7)
6 Mos. 1981			
Metal Cutting	$419.3	$633.1	($213.8)
Metal Forming	$161.8	$ 94.4	$ 67.4
Total	$581.0	$727.5	($146.4)

EXPORTS

Compared to the first six months of 1980, metal cutting and metal forming type exports rose, 88% and 17%, respectively. Comparison on a regional basis shows increased exports to all regions for 1981.

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	Jan-June 1981 (Millions)	Jan-June 1980 (Millions)	% Change
N & C America	$305.3	$125.0	+144.2
Europe	119.7	110.5	+ 8.3
Asia	98.8	82.4	+ 19.9
South America	32.2	30.6	+ 5.2
Africa	12.8	6.9	+ 85.5
Oceania	12.1	6.1	+ 98.4
	$581.0	$361.5	+ 60.7

Exports to eight countries represented 72% of total U.S. machine tool exports. Ranked by dollar value for January through June, the leading export markets were:

	Jan-June 1981		Jan-June 1980		%Change 81:80
	$ Mil.	% of Total	$ Mil.	% of Total	Dollar Value
Canada	$153.2	26.4%	$ 66.1	18.3%	+131.8
Mexico	149.2	25.7	55.8	15.4	+167.4
United Kingdom	31.8	5.5	32.7	9.0	- 2.8
Japan	29.5	5.1	28.5	7.9	+ 3.5
West Germany	16.3	2.8	12.1	3.3	+ 34.7
France	15.5	2.7	10.0	2.8	+ 55.0
U.S.S.R.	12.3	2.1	10.9	3.0	+ 12.8
Australia	11.7	2.0	5.2	1.4	+125.0
	$419.5	72.3%	$221.3	61.1%	+ 89.6

Canada continued to be the leading market for U.S. machine tools during the first six months of 1981. The year-to-date metal cutting total of $127.1 million represents almost three times the metal cutting total for the same period last year. Metal forming exports increased 45% to a total of $26.1 million for the first half of 1981.

Mexico's share of total U.S. exports rose substantially from 15% in the first six months of 1980 to a 1981 share of 26%. Metal cutting exports were $118.6 million, over three times the total for the first half of 1980. Metal forming exports were also up, 27% higher than over the same period last year.

U.S. exports to the United Kingdom declined 3% as compared to mid-year 1980 totals. While metal forming exports rose 20% during the first six months of 1981, metal cutting type exports dropped 12%.

U.S. exports to Japan were approximately $10 million higher than the total for the first six months of 1980, with metal cutting and metal forming shipments of $22.3 million and $7.2 million, respectively.

West Germany showed a significant increase in imports of metal cutting type machine tools, from $7.4 million for the first half of 1980 to $13.1 million for the current year. Metal forming exports declined, however, from $4.6 million to $3.2 million.

Machine tool exports to France were up 55% from the first six months of 1980 to $15.5 million. Exports of metal cutting machine tools accounted for all of the increase, registering $10.5 million; more than double the mid-year 1980 level. Exports of metal forming types were $5.0 million, down 3% from the first six months of last year.

In the first half of 1981, machine tool exports to the U.S.S.R. increased 12% to $12.3 million. Virtually all the machines exported were metal cutting types; which, valued at $12.2 million, were up 40% from the same period last year.

Australia ranked as the eighth leading export market for machine tools in the first half of 1981. Total machine tool exports reached $11.7 million, more than double exports for the same period last year. Due to increased shipments of milling machines, metal cutting exports more than tripled, bringing metal cutting exports to $8.0 million. Exports of metal forming types rose 13%, reaching $3.7 million.

IMPORTS

During the first six months of 1981, U.S. imports of machine tools reached $633.1 million for metal cutting types and $94.4 million for metal forming types. Compared to the same period last year, metal cutting imports increased 28% while metal forming imports fell 19%. Total imports of $727.5 million during the first half of 1981 are equivalent to 56% of the total machine tool imports during all of 1980.

Four countries supplied 75% of total U.S. machine tool imports during the first half of 1981. Significant increases occurred both in dollar value and individual country share for Japan. Shares for West Germany and Taiwan declined compared to the same period last year, while the share of U.S. imports from the United Kingdom increased slightly.

	Jan-June 1981		Jan-June 1980		%Change 81:80
	$ Mil.	% of Total	$ Mil.	% of Total	Dollar Value
Japan	$328.6	45.2%	$237.7	38.8%	+38.2%
West Germany	96.6	13.3	104.4	17.1	- 7.5
United Kingdom	73.9	10.2	58.1	9.5	+27.2
Taiwan	45.9	6.3	44.1	7.2	+ 4.1
	$545.0	75.0%	$444.3	72.6%	+22.7%

Metal cutting imports from Japan increased 46% over the first half of 1980, reaching $300.6 million during the first six months of 1981. Lathes comprised 48% of the metal cutting total. Metal forming imports totaled $28.0 million, a decline of 12% from the six-month 1980 level.

West Germany remained the second largest exporter of machine tools to the U.S. with $73.6 million in metal cutting types and $23.0 million in metal forming types. Compared to the first six months of 1980, cutting imports rose 8% and metal forming imports declined 37%. The overall dollar value of Germany's exports fell 7.5% from the same period last year.

U.S. imports from the United Kingdom represented approximately 10% of the six-month total for 1981. The $67.1 million in metal cutting type imports represents a 35% increase over the same period last year. Metal forming imports from the U.K. declined 19% to $6.8 million.

Virtually all of the machine tools imported from Taiwan were metal cutting types - $45.7 million during the first six months of this year. This is only slightly above the total of last year for the same period. Machines valued under $2,500 accounted for 48% of the total.

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RELEASED: October 9, 1981

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1981

674:	METAL CUTTING	TOTAL YTD UNITS	TOTAL YTD $000	TOTAL MO. UNITS	TOTAL MO. $000	AUSTRIA UNITS	AUSTRIA $000	BELGIUM UNITS	BELGIUM $000
3025	Gear Hobbers	96	9899	9	386	-	-	-	-
3035	Gear Shapers	8	1083	2	159	-	-	-	-
3045	Gear Cutting Machines, N.E.C.	10	1627	3	227	-	-	-	-
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26'' or Less	485	37455	84	6087	-	-	-	-
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26''	69	9874	8	1298	-	-	-	-
3209	Horizontal Machining Centers, ATC, NC	174	21229	25	2192	-	-	-	-
3211	Machining Centers, NC, N.E.C.	163	16387	29	3158	-	-	-	-
3212	Single Station and Multi-Station Transfer Machines	14	3382	1	284	-	-	-	-
3213	Way Type Machines (Unit Heads)	-	-	-	-	-	-	-	-
3217	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	9	2709	2	206	-	-	-	-
3218	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	-	-	-	-	-	-	-	-
3219	Vertical Boring-Drilling-Milling Machines,NC	20	3317	4	868	-	-	-	-
3222	Horiz. Boring-Drilling-Milling Machines,non-NC	106	10052	9	901	-	-	-	-
3223	Vertical Boring-Drilling-Milling Machines,non-NC	1019	8158	128	893	-	-	-	-
3228	Drilling Machines,NC	8	489	-	-	-	-	-	-
3229	Drilling Machines, Multi-Spindle, non-NC	23	2701	5	480	-	-	-	-
3234	Drilling Machines, Radial, non-NC	674	5469	103	742	-	-	-	-
3236	Drilling Machines, Upright, Single Spindle, non-NC	131	790	3	24	-	-	-	-
3242	Drilling Machines, non-NC, N.E.C.	202	4272	24	587	-	-	-	-
3264	Milling Machines, NC	218	16656	39	1759	-	-	-	-
3266	Milling Machines, Profiling, Dupl. & Die Sinking, non-NC	155	2992	23	205	-	-	-	-
3267	Milling Machines, Knee Type, non-NC	2156	15464	387	3070	-	-	-	-
3268	Milling Machines, Bed Type, non-NC	287	8788	30	631	-	-	-	-
3269	Milling Machines, non-NC, N.E.C.	2207	22042	304	2769	-	-	-	-
3276	Vertical Boring Machines, incl. VTL's, NC	21	2727	-	-	-	-	-	-
3277	Vertical Boring Machines, incl. VTL's, non-NC	124	4368	14	925	-	-	-	-
3281	Boring Machines, NC, N.E.C.	9	3473	3	346	-	-	-	-
3283	Boring Machines, non-NC, N.E.C.	184	8815	17	1592	-	-	-	-
3507	Horizontal Lathes, NC, Less Than 25 HP	984	63990	159	10140	-	-	-	-
3509	Horizontal Lathes, NC, 25-50 HP	595	54607	81	7730	-	-	-	-
3511	Horizontal Lathes, NC, Over 50 HP	121	15319	16	2172	-	-	-	-
3512	Horizontal Engine & Toolroom Lathes, non-NC	3929	36242	694	6253	1	4	-	-
3513	Automatic Chucking Lathes, Single Spindle, non-NC	52	2667	10	519	-	-	-	-
3514	Automatic Chucking Lathes, Multi-Spindle, non-NC	29	4085	4	495	-	-	-	-
3515	Automatic Bar Machines, Single Spindle, non-NC	171	3857	30	515	-	-	-	-
3516	Automatic Bar Machines, Multi-Spindle, non-NC	80	6047	11	190	-	-	-	-
3518	Horizontal Lathes, non-NC, N.E.C.	371	11956	68	2539	-	-	-	-
3521	Vertical Lathes, excl. VTL's, NC	122	12570	11	738	-	-	-	-
3522	Vertical Lathes, excl. VTL's, non-NC	1242	23642	86	3555	-	-	-	-
3527	Gear Tooth Grinding & Finishing Machines	56	5249	13	431	-	-	-	-
3528	Tool & Cutter Grinding Machines, NC	59	3880	4	287	-	-	-	-
3529	Tool & Cutter Grinding Machines, non-NC	537	9319	69	965	-	-	-	-
3533	Honing & Lapping Machines	96	4712	5	470	-	-	-	-
3539	Grinding Machines, Flat Surface, NC	26	2488	-	-	-	-	-	-
3541	Grinding Machines, Flat Surface Reciprocating Table,non-NC	304	6282	28	653	-	-	-	-
3543	Grinding Machines, Flat Surface, non-NC, N.E.C.	695	15113	82	2026	-	-	-	-
3546	Grinding & Polishing Machines, NC, N.E.C.	14	1464	3	141	-	-	-	-
3554	External Grinding Machines, non-NC	312	14752	50	2691	-	-	8	379
3556	Internal Grinding Machines, non-NC	41	2425	3	88	-	-	-	-
3558	Grinding, Polishing & Buffing Machines, non-NC, N.E.C.	104	3942	16	572	-	-	-	-
3559	Grinding Machines, non-NC, N.E.C.	450	10962	58	725	-	-	-	-
3562	Traveling Wire Electrical Discharge Machines	187	11416	27	2037	-	-	-	-
3564	All Other Electrical Discharge Machines	99	5020	3	220	-	-	-	-
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	64	2361	11	615	-	-	10	602
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, non-NC	50	967	7	52	-	-	-	-
3576	Metal Cutting Machine Tools, NC, N.E.C.	17	573	1	30	-	-	-	-
3577	Sawing & Cut-off Machines, non-NC	655	7311	141	1986	-	-	-	-
3578	Broaching Machines, non-NC	30	3474	20	1271	-	-	-	-
3579	Metal Cutting Machine Tools, non-NC, N.E.C.	344	8585	67	1362	-	-	-	-
4000	Metal Cutting Machine Tools, Used or Rebuilt*	2129	21139	353	4709	-	-	34	349
5000	Metal Cutting Machine Tools, Less Than $2500*	376161	32359	78486	5707	232	61	3	5
	TOTAL CUTTING			81873	91656	233	66	55	1334
	TOTAL CUTTING YTD	398698	633052			634	891	251	4504
674:	METAL FORMING								
1010	Die Casting Machines	80	2221	3	148	1	99	-	-
3582	Metal Forming Machine Tools, Used or Rebuilt	322	2385	74	350	-	-	-	-
3583	Metal Forming Machine Tools, Less Than $2500	8449	2062	1329	264	-	-	-	-
3584	Punching & Shearing Machines, incl. Combination, NC	141	15050	11	1585	-	-	-	-
3586	Shearing Machines, non-NC	368	6195	55	753	-	-	-	-
3587	Punching & Combination Punching & Shearing Machines, non-NC	353	5247	42	611	-	-	-	-
3588	Bending, Folding, Straightening & Flattening Machines, NC	8	804	1	12	-	-	-	-
3589	Press Brakes, non-NC	221	3664	45	642	-	-	-	-
3591	Bending Rolls, Ram & Press Bending Machines, non-NC	119	3715	13	891	-	-	-	-
3592	Bending,Folding,Str. & Flattening Machines, non-NC, N.E.C.	468	7367	98	1563	-	-	1	105
3593	Metal Forming Machine Tools, NC, N.E.C.	9	1290	-	-	-	-	-	-
3594	Mechanical Presses, non-NC	73	6015	7	469	-	-	-	-
3595	Hydraulic Presses, Vertical, Single Action, non-NC	53	2775	13	871	-	-	1	15
3596	Hydraulic & Pneumatic Presses, non-NC, N.E.C.	172	11739	40	1532	-	-	-	-
3597	Headers & Upsetters, non-NC	98	6298	13	1251	-	-	-	-
3598	Forging Machines, non-NC, N.E.C.	19	1125	6	46	-	-	-	-
3599	Metal Forming Machine Tools, non-NC, N.E.C.	536	16439	62	1269	-	-	-	-
	TOTAL FORMING			1812	12259	1	99	2	120
	TOTAL FORMING YTD	11489	94409			2	101	76	4368
	TOTAL ALL TYPES			83685	103945	234	164	57	1454
	TOTAL ALL TYPES YTD	410187	727461			636	992	327	8873

Source: U.S. Department of Commerce, Census Report No. IM146; National Machine Tool Builders' Association.

NOTES: 1) a/Dollar amount less than $500; 2) N.E.C. - Not Elsewhere Classified; 3) Individual items may not add to totals due to rounding.
4) Machine tool imports, as reflected in the government statistics, are actually undervalued since they reflect values in the country of origin and do not include ocean freight, insurance, dealer's commission or import duties.
5) Beginning in January 1980, foreign trade data for die casting machines are included in the metal forming total. U.S. die casting imports are not available for previous years.

*Code 6744000 shown above represents combined data from codes 674:3015,3215,3226,3261,3272,3502,3524 & 3573.
Code 6745000 shown above represents combined data from codes 674:3227,3262,3273,3503,3526 & 3574.

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1981

	CZECHO.		DENMARK		E. GERMANY		FRANCE		ITALY		NETHERLANDS		NORWAY	
67A	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	2	70	-	-	-	-	-	-	-	-	-	-	-	-
3035	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3212	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3222	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3223	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3228	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3229	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3234	1	10	-	-	-	-	-	-	6	81	-	-	-	-
3236	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3242	-	-	-	-	-	-	1	9	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	1	36	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	4	27	-	-	-	-
3268	-	-	-	-	-	-	-	-	1	48	-	-	-	-
3269	3	47	-	-	2	26	-	-	2	15	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	2	107	-	-	-	-	-	-	3	469	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	3	38	-	-	-	-	1	15	-	-	-	-
3507	-	-	-	-	-	-	8	369	2	97	-	-	-	-
3509	-	-	-	-	-	-	3	161	1	107	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	15	58	-	-	-	-	1	38	3	77	-	-	-	-
3513	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3514	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3521	-	-	-	-	-	-	-	-	1	20	-	-	-	-
3522	6	31	-	-	-	-	1	3	3	306	-	-	-	-
3527	-	-	-	-	1	34	-	-	-	-	-	-	-	-
3528	-	-	-	-	-	-	-	-	1	53	-	-	-	-
3529	1	3	1	5	-	-	-	-	1	24	2	57	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3539	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3543	-	-	-	-	-	-	-	-	2	42	1	14	-	-
3546	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3554	2	95	-	-	-	-	-	-	3	78	-	-	-	-
3556	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3558	4	31	1	44	-	-	-	-	-	-	1	18	-	-
3559	-	-	6	59	-	-	-	-	4	90	-	-	-	-
3562	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3564	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	1	14	-	-	-	-
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3576	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3577	-	-	-	-	-	-	2	28	2	46	-	-	-	-
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3579	-	-	-	-	1	11	1	4	1	5	2	27	-	-
4000	8	106	-	-	7	54	1	883	8	73	11	90	-	-
5000	1	2	6	6	-	-	176	25	239	99	-	-	-	-
CUT MO.	45	520	17	153	11	125	194	1515	290	1796	17	206	-	-
CUT YTD	293	2972	430	884	69	1654	1640	9886	2257	18214	381	2360	12	61
1010	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	1	2	6	5	2	a/	-	-
3584	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3586	-	-	11	66	-	-	3	43	-	-	2	25	-	-
3587	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3588	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3589	-	-	-	-	-	-	1	56	-	-	-	-	-	-
3591	-	-	-	-	-	-	-	-	4	57	-	-	-	-
3592	-	-	-	-	-	-	7	103	24	258	-	-	-	-
3593	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	1	7	-	-	-	-	3	26	-	-	-	-
3596	-	-	-	-	-	-	-	-	5	278	-	-	-	-
3597	-	-	-	-	-	-	-	-	2	106	-	-	-	-
3598	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3599	-	-	-	-	-	-	2	9	12	268	-	-	1	96
FRM MO.	-	-	12	73	-	-	14	303	56	997	4	26	2	96
FRM YTD	-	-	66	1138	2	11	304	1675	752	6370	17	193	6	234
TOT MO.	45	520	29	226	11	125	208	1818	346	2796	21	232	2	96
TOT YTD	293	2972	496	2022	71	1665	1944	11561	3009	24585	398	2553	18	295

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1981

	POLAND		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND		U. KINGDOM		W. GERMANY	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674														
3025	-	-	-	-	-	-	-	-	1	21	2	135	2	107
3035	-	-	-	-	-	-	-	-	-	-	2	159	-	-
3045	-	-	-	-	-	-	-	-	-	-	2	11	1	216
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	1	26	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3212	-	-	-	-	-	-	-	-	1	284	-	-	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	-	-	-	-	-	-	1	287	-	-
3222	-	-	-	-	-	-	-	-	-	-	1	263	-	-
3223	1	219	-	-	7	31	-	-	-	-	1	93	6	295
3228	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3229	-	-	-	-	2	8	-	-	-	-	2	423	1	50
3234	-	-	-	-	-	-	-	-	-	-	6	28	-	-
3236	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3242	-	-	-	-	9	31	1	3	-	-	1	5	2	38
3264	-	-	-	-	1	99	1	119	[illegible]	52	17	943	-	-
3266	-	-	-	-	-	-	1	44	1	19	1	21	3	69
3267	-	-	-	-	221	1231	3	76	-	-	48	259	9	75
3268	-	-	-	-	-	-	1	100	-	-	-	-	1	3
3269	-	-	-	-	8	74	3	95	5	503	6	636	2	194
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	1	122	1	25	1	50
3281	-	-	-	-	-	-	-	-	-	-	3	346	-	-
3283	-	-	-	-	-	-	-	-	-	-	4	560	5	571
3507	-	-	-	-	-	-	-	-	-	-	-	-	1	89
3509	-	-	-	-	-	-	3	348	-	-	-	-	-	-
3511	-	-	-	-	-	-	1	102	-	-	-	-	-	-
3512	13	503	-	-	11	327	1	46	-	-	134	1146	22	210
3513	-	-	-	-	-	-	-	-	-	-	2	172	-	-
3514	-	-	-	-	-	-	-	-	-	-	-	-	4	495
3515	-	-	-	-	-	-	-	-	7	145	3	29	11	151
3516	-	-	-	-	-	-	-	-	-	-	1	138	-	-
3518	-	-	-	-	2	15	-	-	3	123	15	373	4	457
3521	-	-	-	-	-	-	-	-	-	-	-	-	1	113
3522	-	-	-	-	1	8	-	-	-	-	6	490	8	1279
3527	-	-	-	-	-	-	-	-	2	6	2	131	7	125
3528	-	-	-	-	-	-	-	-	-	-	-	-	3	235
3529	-	-	-	-	-	-	1	6	8	68	1	7	22	629
3533	-	-	-	-	-	-	-	-	-	-	3	11	2	459
3539	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	2	117	-	-	11	313
3543	-	-	-	-	2	7	-	-	5	120	12	231	19	1075
3546	-	-	-	-	-	-	-	-	1	30	-	-	2	111
3554	-	-	-	-	1	30	-	-	10	1263	10	469	2	159
3556	-	-	-	-	-	-	-	-	-	-	-	-	1	29
3558	-	-	-	-	-	-	-	-	1	73	2	27	5	122
3559	-	-	-	-	1	20	-	-	2	137	3	42	11	265
3562	-	-	-	-	-	-	-	-	1	76	-	-	-	-
3564	-	-	-	-	-	-	-	-	1	138	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3571	-	-	-	-	-	-	-	-	-	-	-	-	2	6
3576	-	-	-	-	1	30	-	-	-	-	-	-	-	-
3577	-	-	-	-	-	-	-	-	1	26	32	126	52	794
3578	-	-	-	-	-	-	-	-	-	-	20	1271	-	-
3579	-	-	-	-	1	16	1	6	18	246	14	183	4	344
4000	3	22	-	-	-	-	3	52	29	185	173	1705	58	895
5000	-	-	-	-	47	20	49	62	12	17	543	248	126	135
CUT NO.	17	744	-	-	315	1946	69	1057	113	3772	1073	11019	411	10157
CUT YTD	478	6917	101	349	1762	11849	937	9535	2024	33997	5443	67084	10744	73609
1010	-	-	-	-	-	-	-	-	-	-	1	19	-	-
3582	1	1	-	-	-	-	1	7	1	90	49	145	20	96
3583	-	-	-	-	6	2	11	20	21	20	17	15	135	38
3584	-	-	-	-	-	-	-	-	3	372	-	-	2	592
3586	-	-	-	-	-	-	-	-	-	-	5	62	11	84
3587	-	-	-	-	6	82	-	-	3	114	1	13	29	307
3588	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3591	-	-	-	-	-	-	8	181	-	-	1	694	-	-
3592	-	-	-	-	-	-	-	-	-	-	6	53	21	490
3593	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3594	-	-	-	-	-	-	-	-	-	-	2	173	-	-
3595	-	-	-	-	1	435	-	-	2	276	-	-	1	45
3596	-	-	-	-	2	50	-	-	-	-	3	391	1	84
3597	-	-	-	-	-	-	-	-	-	-	-	-	8	896
3598	-	-	-	-	-	-	-	-	5	41	-	-	-	-
3599	1	8	-	-	-	-	2	28	6	147	3	164	7	129
FRM NO.	2	9	-	-	15	969	22	196	41	1061	88	1728	235	2758
FRM YTD	2	9	-	-	73	1624	277	3393	289	7695	779	6788	1344	23021
TOT NO.	19	753	-	-	330	2514	91	1253	154	4834	1161	12747	646	12915
TOT YTD	480	6925	101	349	1835	13473	1214	12928	2313	41692	6222	73872	12088	96630

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1981

	YUGOSLAVIA		CANADA		INDIA		JAPAN		TAIWAN		AUSTRALIA		ALL OTHERS	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	-	-	-	-	-	-	-	-	-	-	-	-	2	52
3035	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	84	6087	-	-	-	-	-	-
3206	-	-	-	-	-	-	8	1298	-	-	-	-	-	-
3209	-	-	-	-	-	-	24	2166	-	-	-	-	-	-
3211	-	-	-	-	-	-	29	3158	-	-	-	-	-	-
3212	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	-	-	2	206	-	-	-	-	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	-	-	3	581	-	-	-	-	-	-
3222	-	-	-	-	-	-	5	[illegible]	-	-	-	-	3	167
3223	-	-	-	-	-	-	5	213	108	42	-	-	-	-
3228	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3229	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3234	-	-	-	-	-	-	41	396	45	189	-	-	6	38
3236	-	-	1	10	-	-	1	11	1	3	-	-	-	-
3242	1	139	1	3	-	-	3	277	5	83	-	-	-	-
3264	-	-	-	-	-	-	18	510	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	17	53	-	-	-	-
3267	-	-	54	917	-	-	10	246	11	39	-	-	17	201
3268	-	-	-	-	-	-	11	418	16	62	-	-	-	-
3269	-	-	1	4	-	-	7	219	250	806	-	-	15	150
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	1	82	4	19	-	-	1	52
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	4	408	-	-	-	-	-	-
3507	-	-	-	-	-	-	139	9518	9	67	-	-	-	-
3509	-	-	-	-	-	-	74	7095	-	-	-	-	-	-
3511	-	-	-	-	-	-	15	2070	-	-	-	-	-	-
3512	6	51	10	128	-	-	23	426	276	1698	-	-	178	1541
3513	-	-	-	-	-	-	6	262	2	85	-	-	-	-
3514	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	7	178	2	12	-	-	-	-
3516	-	-	-	-	-	-	-	-	10	52	-	-	-	-
3518	-	-	-	-	10	26	19	1449	13	68	-	-	2	28
3521	-	-	4	215	-	-	5	390	-	-	-	-	-	-
3522	-	-	3	130	1	17	17	917	27	137	-	-	13	238
3527	-	-	-	-	-	-	-	-	-	-	-	-	1	135
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	4	63	26	92	-	-	2	12
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3539	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	5	77	-	-	-	-	10	146
3543	2	149	2	33	-	-	23	185	4	18	-	-	10	157
3546	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3554	-	-	-	-	-	-	3	177	6	32	-	-	5	49
3556	-	-	-	-	-	-	2	59	-	-	-	-	-	-
3558	-	-	-	-	-	-	2	257	-	-	-	-	-	-
3559	-	-	-	-	-	-	11	43	20	109	-	-	-	-
3562	-	-	-	-	-	-	26	1960	-	-	-	-	-	-
3564	-	-	-	-	-	-	1	73	1	9	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3571	-	-	3	35	-	-	2	11	-	-	-	-	-	-
3576	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3577	-	-	-	-	-	-	44	938	8	33	-	-	-	-
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3579	-	-	-	-	5	90	19	430	-	-	-	-	-	-
4000	-	-	4	131	-	-	12	107	1	3	1	54	-	-
9000	-	-	292	50	-	-	4477	588	72200	4299	-	-	83	91
CUT MO.	9	339	385	1654	16	132	5192	44020	73062	8005	1	54	348	3056
CUT YTD	192	2519	1812	13515	90	744	34944	300595	331404	45688	3	70	2797	25096
1010	-	-	1	30	-	-	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	2	11	-	-	-	-	-	-
3583	-	-	253	40	-	-	55	34	820	88	-	-	2	3
3584	-	-	-	-	-	-	6	621	-	-	-	-	-	-
3586	-	-	5	185	-	-	17	268	-	-	-	-	1	21
3587	-	-	-	-	-	-	3	95	-	-	-	-	-	-
3588	-	-	1	12	-	-	-	-	-	-	-	-	-	-
3589	-	-	13	233	-	-	31	353	-	-	-	-	-	-
3591	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3592	-	-	22	224	-	-	17	241	-	-	-	-	-	-
3593	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3594	-	-	3	51	-	-	2	[illegible]	-	-	-	-	-	-
3595	-	-	4	67	-	-	-	-	-	-	-	-	-	-
3596	-	-	9	90	-	-	17	624	-	-	-	-	3	15
3597	-	-	1	14	-	-	2	236	-	-	-	-	-	-
3598	-	-	1	4	-	-	-	-	-	-	-	-	-	-
3599	-	-	26	411	-	-	1	10	-	-	-	-	-	-
FRM MO.	-	-	339	1361	-	-	153	2736	820	88	-	-	6	38
FRM YTD	-	-	1733	7697	48	118	3569	28001	1992	196	12	13	146	1745
TOT MO.	9	339	724	3015	16	132	5345	46756	73882	8093	1	54	354	3095
TOT YTD	192	2519	3545	21212	138	862	38513	328596	333396	45884	15	83	2943	26841

JUNE 1981 - U.S. IMPORTS OF MACHINE TOOLS
Total and Countries of Origin
The following is a breakdown of the activity by country which is included in the ALL OTHER column on page 4.

	METAL CUTTING UNITS	METAL CUTTING $000	METAL FORMING UNITS	METAL FORMING $000	TOTAL UNITS	TOTAL $000
EUROPE						
AZORES	-	-	-	-	-	-
BULGARIA	5	42	-	-	5	42
CYPRUS	-	-	-	-	-	-
FINLAND	31	8	-	-	31	8
GREECE	-	-	-	-	-	-
HUNGARY	1	135	-	-	1	135
ICELAND	-	-	-	-	-	-
IRELAND	-	-	-	-	-	-
ROMANIA	37	693	-	-	37	693
USSR	-	-	-	-	-	-
GIBRALTAR	-	-	-	-	-	-
TOTAL	74	878	-	-	74	878
OTHER N.AC.AM						
BAHAMAS	-	-	-	-	-	-
BARBADOS	-	-	-	-	-	-
BELIZE	-	-	-	-	-	-
BERMUDA	-	-	-	-	-	-
CAYMAN	-	-	-	-	-	-
COSTA RICA	-	-	-	-	-	-
DOMINICAN REP.	-	-	-	-	-	-
FR. W. INDIES	-	-	-	-	-	-
GUATEMALA	-	-	-	-	-	-
HAITI	-	-	-	-	-	-
HONDURAS	-	-	-	-	-	-
JAMAICA	-	-	-	-	-	-
LW & WW IS.	-	-	-	-	-	-
MEXICO	-	-	1	2	1	2
NICARAGUA	-	-	-	-	-	-
N. ANTILLES	-	-	-	-	-	-
PANAMA	-	-	-	-	-	-
SALVADOR	-	-	-	-	-	-
TRINIDAD	-	-	-	-	-	-
TOTAL	-	-	1	2	1	2
OTHER S. AMER						
ARGENTINA	1	64	-	-	1	64
BOLIVIA	-	-	-	-	-	-
BRAZIL	5	11	-	-	5	11
CHILE	-	-	-	-	-	-
COLOMBIA	-	-	-	-	-	-
ECUADOR	-	-	-	-	-	-
FRENCH GUIANA	-	-	-	-	-	-
GUYANA	-	-	-	-	-	-
PARAGUAY	-	-	-	-	-	-
PERU	-	-	-	-	-	-
SURINAM	-	-	-	-	-	-
URUGUAY	-	-	-	-	-	-
VENEZUELA	-	-	-	-	-	-
TOTAL	6	75	-	-	6	75
OTHER ASIA						
AFGHANISTAN	-	-	-	-	-	-
ADEN	-	-	-	-	-	-
ARAB EMIRATES	-	-	-	-	-	-
BAHRAIN	-	-	-	-	-	-
BANGLADASH	-	-	-	-	-	-
BRUNEI	-	-	-	-	-	-
BURMA	-	-	-	-	-	-
CHINA	65	252	-	-	65	252
GAZA STRIP	-	-	-	-	-	-
HONG KONG	-	-	-	-	-	-
INDONESIA	-	-	-	-	-	-
IRAN	-	-	-	-	-	-
IRAQ	-	-	-	-	-	-
ISRAEL	-	-	4	36	4	36
JORDAN	-	-	-	-	-	-
KOREAN REP.	146	1199	1	1	147	1200
KUWAIT	-	-	-	-	-	-
LEBANON	-	-	-	-	-	-
MALAYSIA	1	2	-	-	1	2
NEPAL	-	-	-	-	-	-
OMAN	-	-	-	-	-	-
PAKISTAN	-	-	-	-	-	-
PHILLIPINES	-	-	-	-	-	-
QATAR	-	-	-	-	-	-
SAUDI ARABIA	-	-	-	-	-	-
SINGAPORE	56	650	-	-	56	650
SRI LANKA	-	-	-	-	-	-
SYRIA	-	-	-	-	-	-
THAILAND	-	-	-	-	-	-
TURKEY	-	-	-	-	-	-
YEMEN	-	-	-	-	-	-
TOTAL	268	2103	5	36	273	2139

	METAL CUTTING UNITS	METAL CUTTING $000	METAL FORMING UNITS	METAL FORMING $000	TOTAL UNITS	TOTAL $000
OTHER OCEANIA						
FR. PAC. IS.	-	-	-	-	-	-
NEW GUINEA	-	-	-	-	-	-
NEW ZEALAND	-	-	-	-	-	-
TERR. PAC. IS.	-	-	-	-	-	-
OTH. PAC. IS.	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-
OTHER AFRICA						
BOTSWANA	-	-	-	-	-	-
ALGERIA	-	-	-	-	-	-
ANGOLA	-	-	-	-	-	-
BENIN	-	-	-	-	-	-
CAMEROON	-	-	-	-	-	-
CANARY ISLANDS	-	-	-	-	-	-
DAHOMEY	-	-	-	-	-	-
EGYPT	-	-	-	-	-	-
ETHIOPIA	-	-	-	-	-	-
GABON	-	-	-	-	-	-
GHANA	-	-	-	-	-	-
GUINEA	-	-	-	-	-	-
KENYA	-	-	-	-	-	-
LESOTHO	-	-	-	-	-	-
LIBERIA	-	-	-	-	-	-
LIBYA	-	-	-	-	-	-
MALAWI	-	-	-	-	-	-
MAURITANIA	-	-	-	-	-	-
MOROCCO	-	-	-	-	-	-
MOZAMBIQUE	-	-	-	-	-	-
NIGER	-	-	-	-	-	-
NIGERIA	-	-	-	-	-	-
REP. S. AFRICA	-	-	-	-	-	-
RWANDA	-	-	-	-	-	-
SENEGAL	-	-	-	-	-	-
SIERRA LEONE	-	-	-	-	-	-
SOMALIA	-	-	-	-	-	-
S. W. AFRICA	-	-	-	-	-	-
SUDAN	-	-	-	-	-	-
SWAZILAND	-	-	-	-	-	-
TANZANIA	-	-	-	-	-	-
TUNISIA	-	-	-	-	-	-
ZIMBABWE	-	-	-	-	-	-
WEST AFRICA	-	-	-	-	-	-
ZAIRE	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-

RELEASED: October 9, 1981

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1981

Code	Type of Machine	TOTAL YTD UNITS	TOTAL YTD $000	TOTAL MO. UNITS	TOTAL MO. $000	AUSTRIA UNITS	AUSTRIA $000	BELGIUM UNITS	BELGIUM $000
674:	METAL CUTTING								
3020	Gear Hobbers & Shapers	110	12419	20	2405	-	-	-	-
3045	Gear Cutting Machines, N.E.C.	151	16094	27	3567	-	-	-	-
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26'' or Less	37	3368	11	772	-	-	-	-
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26''	13	2773	-	-	-	-	-	-
3209	Horizontal Machining Centers, ATC, NC	68	19037	6	1953	-	-	-	-
3211	Machining Centers, NC, N.E.C.	68	7895	7	1536	-	-	-	-
3216	Single Station and Multi-Station Transfer Machines	134	99257	23	8249	-	-	-	-
3225	Way Type Machines (Unit Heads)	11	1805	1	401	-	-	-	-
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	12	7134	1	363	-	-	-	-
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	2	631	-	-	-	-	-	-
3247	Vertical Boring-Drilling-Milling Machines, NC	37	3337	9	481	-	-	-	-
3248	Horiz. Boring-Drilling-Milling Machines, non-NC	12	1233	-	-	-	-	-	-
3249	Vertical Boring-Drilling-Milling Machines, non-NC	452	34337	21	2964	-	-	-	-
3254	Drilling Machines, NC	15	2306	2	554	-	-	-	-
3255	Drilling Machines, Multi-Spindle, non-NC	43	4106	8	847	-	-	-	-
3256	Drilling Machines, Radial, non-NC	35	1189	6	308	-	-	-	-
3257	Drilling Machines, Upright, Single Spindle, non-NC	63	2163	12	283	-	-	-	-
3258	Drilling Machines, non-NC, N.E.C.	145	4071	16	1051	-	-	-	-
3264	Milling Machines, NC	26	7512	3	1466	-	-	-	-
3266	Milling Machines, Profiling, Dupl. & Die Sinking, non-NC	48	5144	4	2813	-	-	-	-
3267	Milling Machines, Knee Type, non-NC	5	265	-	-	-	-	-	-
3268	Milling Machines, Bed Type, non-NC	11	1119	4	432	-	-	-	-
3269	Milling Machines, non-NC, N.E.C.	85	3629	8	171	-	-	-	.
3276	Vertical Boring Machines, incl. VTL's, NC	20	4203	1	81	-	-	-	-
3277	Vertical Boring Machines, incl. VTL's, non-NC	79	7912	10	1571	-	-	-	-
3281	Boring Machines, NC, N.E.C.	7	1027	-	-	-	-	-	-
3283	Boring Machines, non-NC, N.E.C.	32	1943	4	408	-	-	-	-
3504	Horizontal Lathes, NC, Less Than 25 HP	62	6405	8	645	-	-	-	-
3506	Horizontal Lathes, NC, 25-50 HP	22	3930	2	406	-	-	-	-
3508	Horizontal Lathes, NC, Over 50 HP	7	1996	1	346	-	-	-	-
3510	Horizontal Engine & Toolroom Lathes, non-NC	120	2630	19	549	-	-	-	-
3511	Automatic Chucking Lathes, Single Spindle, non-NC	37	5642	-	-	-	-	-	-
3512	Automatic Chucking Lathes, Multi-Spindle, non-NC	30	4107	2	808	-	-	-	-
3515	Automatic Bar Machines, Single Spindle, non-NC	43	2125	7	230	-	-	-	-
3516	Automatic Bar Machines, Multi-Spindle, non-NC	53	5380	10	1048	-	-	-	-
3518	Horizontal Lathes, non-NC, N.E.C.	319	11225	40	1643	-	-	-	-
3519	Vertical Lathes, excl. VTL's, NC	13	2257	2	170	-	-	-	-
3525	Vertical Lathes, excl. VTL's, non-NC	97	6057	16	1171	-	-	-	-
3528	Grinding, Polishing, Honing & Lapping Machines, NC	73	12244	14	2312	-	-	-	-
3529	Gear Tooth Grinding & Finishing Machines, non-NC	71	12546	22	4072	-	-	-	-
3531	Tool & Cutter Grinding Machines, non-NC	256	5072	30	580	-	-	-	-
3532	Honing & Lapping Machines, non-NC	297	5932	19	289	-	-	-	-
3533	Grinding Machines, Flat Surface Reciprocating Table, non-NC	116	2051	10	226	-	-	-	-
3538	Grinding Machines, Flat Surface, non-NC, N.E.C.	113	10259	17	1484	-	-	-	-
3541	External Grinding Machines, non-NC	68	9710	11	1301	-	-	-	-
3542	Internal Grinding Machines, non-NC	17	1982	4	1076	-	-	-	-
3544	Grinding, Polishing & Buffing Machines, non-NC, N.E.C.	182	7138	25	1408	-	-	-	-
3546	Grinding Machines, non-NC, N.E.C.	427	13041	71	2111	-	-	-	-
3547	Traveling Wire Electrical Discharge Machines	27	921	5	115	-	-	-	-
3549	All Other Electrical Discharge Machines	100	2612	13	200	-	-	-	-
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	4	460	1	285	-	-	-	-
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, non-NC	34	652	18	225	-	-	-	-
3559	Metal Cutting Machine Tools, NC, N.E.C.	81	2277	6	612	-	-	-	-
3565	Sawing & Cut-off Machines, non-NC	410	6917	65	1077	-	-	-	-
3566	Broaching Machines, non-NC	193	9601	13	1985	-	-	-	-
3567	Metal Cutting Machine Tools, non-NC, N.E.C.	397	12866	83	3159	-	-	-	-
4000	Metal Cutting Machine Tools, Used or Rebuilt*	2849	25007	1057	4785	-	-	-	-
5000	Metal Cutting Machine Tools, Less Than $2500*	34697	11472	5477	1806	-	-	293	7
	TOTAL CUTTING			7270	68753	-	-	250	7
	TOTAL CUTTING YTD	42985	419266			16	823	2383	736
674:	METAL FORMING								
1011	Die Casting Machines & Parts	-	7897	-	860	-	34	-	65
3568	Metal Forming Machine Tools, Used or Rebuilt	909	9150	86	1370	-	-	-	-
3569	Metal Forming Machine Tools, Less Than $2500	4885	3331	980	478	-	-	-	-
3571	Punching & Shearing Machines, incl. Combination, NC	68	7596	8	575	-	-	-	-
3573	Shearing Machines, non-NC	73	4736	8	1775	-	-	-	-
3575	Punching & Combination Punching & Shearing Machines, non-NC	546	12228	115	2300	-	-	1	10
3578	Bending, Folding, Straightening & Flattening Machines, NC	81	5712	8	501	-	-	2	279
3582	Press Brakes, non-NC	102	3903	8	330	-	-	-	-
3583	Bending Rolls, Ram & Press Bending Machines, non-NC	33	2114	3	85	-	-	-	-
3584	Bending,Folding,Str. & Flattening Machines, non-NC, N.E.C.	409	11874	60	1495	-	-	-	-
3588	Mechanical Presses, non-NC	236	13024	29	3364	-	-	-	-
3589	Hydraulic Presses, Vertical, Single Action, non-NC	66	6135	20	2002	-	-	-	-
3590	Hydraulic & Pneumatic Presses, non-NC, N.E.C.	332	23965	48	3011	-	-	-	-
3594	Headers & Upsetters, non-NC	39	2949	4	283	-	-	-	-
3595	Forging Machines, non-NC, N.E.C.	100	7782	15	1739	-	-	-	-
3598	Metal Forming Machine Tools, non-NC, N.E.C.	806	39345	95	11837	-	-	-	-
	TOTAL FORMING			1435	32125	-	-	3	354
	TOTAL FORMING YTD	8685	161779			3	89	81	961
	TOTAL ALL TYPES			8705	100878	-	-	253	361
	TOTAL ALL TYPES YTD	51670	581045			19	912	2464	1697

Source: U.S. Department of Commerce, Census Report No. EM522; National Machine Tool Builders' Association.

NOTES: 1) a/Dollar amount less than $500; 2) N.E.C. - Not Elsewhere Classified; 3) Individual items may not add to totals due to rounding 4) Beginning in January 1980, foreign trade data for die casting machines are included in the metal forming total.

*Code 6744000 shown above represents combined data from codes 674:3015,3241,3252,3261,3272,3501,3526 & 3554.
Code 6745000 shown above represents combined data from codes 674:3243,3253,3262,3273,3502,3527 & 3557.

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U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1981

	DENMARK UNITS	$000	FINLAND UNITS	$000	FRANCE UNITS	$000	GREECE UNITS	$000	IRELAND UNITS	$000	ITALY UNITS	$000	NETHERLANDS UNITS	$000
674:														
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	4	337	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	-	-	-	-	-	-	2	37	-	-
3264	-	-	-	-	1	502	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	-	-	1	85	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3293	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	-	-	-	-	1	20
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	1	35	-	-	2	69	-	-	-	-
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	1	8	-	-	-	-	-	-	-	-	-	-	2	15
3532	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3538	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3546	-	-	-	-	1	6	-	-	-	-	2	14	-	-
3547	-	-	-	-	-	-	-	-	-	-	1	3	-	-
3549	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	2	31
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	-	-	-	-	-	-	-	-	-	-	-	-	5	54
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	3	132	-	-	4	44	1	4	3	14
4000	-	-	-	-	-	-	-	-	10	83	-	-	-	-
5000	-	-	-	-	10	2	-	-	-	-	-	-	3	1
CUT NO.	1	8	-	-	16	675	-	-	16	196	11	419	18	135
CUT YTD	12	432	37	1017	304	10455	21	181	590	2640	204	5279	2765	1008
1011	-	-	-	-	-	-	-	-	-	-	-	4	-	7
3568	-	-	-	-	-	-	1	96	-	-	-	-	-	-
3569	6	2	-	-	40	14	2	2	18	16	6	1	30	6
3571	-	-	-	-	1	246	-	-	-	-	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3575	-	-	-	-	2	79	-	-	1	18	-	-	-	-
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	-	-	1	5	-	-	-	-	-	-	-	-
3588	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3590	-	-	-	-	-	-	-	-	-	-	3	107	4	678
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	2	1409	-	-	-	-
3598	-	-	-	-	5	126	-	-	-	-	2	823	-	-
FRM NO.	6	2	-	-	49	470	3	98	21	1442	11	935	34	691
FRM YTD	37	647	14	395	230	5044	7	1092	41	3331	96	4687	110	1501
TOT NO.	7	10	-	-	65	1146	3	98	37	1638	22	1354	50	825
TOT YTD	49	1079	51	1811	534	15499	28	1273	631	5972	300	9966	2875	2509

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1981

	NORWAY		POLAND		ROMANIA		SPAIN		SWEDEN		SWITZERLAND		U. KINGDOM	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	1	6	-	-	-	-	-	-	-	-	-	-	2	129
3204	-	-	-	-	-	-	-	-	-	-	-	-	1	140
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	1	197	1	255	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	2	2?2
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	1	96	4	199
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	2	119
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	1	453
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	1	81
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	2	122
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	4	61	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	-	-	-	-	2	10
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	-	-	-	-	-	-	1	18
3528	-	-	-	-	-	-	-	-	-	-	-	-	3	224
3529	-	-	-	-	-	-	-	-	-	-	-	-	5	43
3531	-	-	-	-	-	-	-	-	-	-	-	-	2	37
3532	-	-	-	-	-	-	-	-	-	-	1	6	6	56
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3538	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	1	17
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3546	-	-	-	-	-	-	-	-	1	6	-	-	11	209
3547	-	-	-	-	-	-	-	-	-	-	2	23	-	-
3549	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	9	82	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	-	-	-	-	-	-	-	-	-	-	-	-	1	12
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	1	3	4	17
4000	-	-	-	-	-	-	-	-	-	-	-	-	14	68
5000	3	2	-	-	-	-	-	-	32	7	9	11	29	21
CUT MO.	4	7	-	-	-	-	4	61	43	291	15	394	94	2256
CUT YTD	18	208	-	-	6	972	93	1214	131	1054	340	5087	1037	19997
1011	-	-	-	-	-	-	-	-	-	10	-	-	-	13
3568	-	-	-	-	-	-	-	-	-	-	-	-	2	94
3569	-	-	-	-	-	-	-	-	-	-	-	-	69	20
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3575	-	-	-	-	-	-	-	-	-	-	1	30	2	20
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	-	-	-	-	-	-	-	-	-	-	3	85
3588	-	-	-	-	-	-	-	-	-	-	-	-	2	691
3589	-	-	-	-	-	-	1	88	-	-	-	-	-	-
3590	-	-	-	-	-	-	-	-	-	-	-	-	6	1052
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3598	-	-	-	-	-	-	-	-	1	60	1	8	4	209
FRN MO.	-	-	-	-	-	-	1	80	1	70	2	37	88	2185
FRN YTD	18	213	-	-	-	-	9	1639	24	1270	116	807	472	11804
TOT MO.	4	7	-	-	-	-	5	149	44	362	17	431	182	4441
TOT YTD	36	421	-	-	6	972	102	2852	155	2324	456	5893	1509	31801

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1981

	USSR		W. GERMANY		YUGOSLAVIA		CANADA		MEXICO		OTH. LAC AM		ARGENTINA	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	-	-	17	1917	1	141	-	-	-	-
3045	4	734	-	-	-	-	9	1766	1	13	-	-	-	-
3204	-	-	-	-	-	-	10	632	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	2	973	-	-	-	-	-	-
3211	-	-	-	-	-	-	2	397	2	546	-	-	-	-
3216	-	-	-	-	-	-	9	3718	13	4445	-	-	-	-
3225	-	-	-	-	-	-	1	401	-	-	-	-	-	-
3245	-	-	-	-	-	-	1	363	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	2	77	-	-	-	-	1	41
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	5	466	12	2355	2	15	-	-
3254	-	-	1	329	-	-	1	225	-	-	-	-	-	-
3255	-	-	-	-	-	-	1	300	4	328	-	-	-	-
3256	-	-	-	-	-	-	-	-	1	11	-	-	-	-
3257	-	-	-	-	-	-	11	41	-	-	-	-	-	-
3258	-	-	-	-	-	-	1	135	4	666	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	1	512
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	2	95	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	3	110	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	2	739	5	591	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	3	390	-	-	-	-
3504	-	-	-	-	-	-	4	386	1	71	-	-	-	-
3506	-	-	-	-	-	-	1	225	1	181	-	-	-	-
3508	-	-	-	-	1	346	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	2	24	4	36	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	2	808	-	-	-	-	-	-
3515	-	-	-	-	-	-	1	154	2	16	-	-	-	-
3516	-	-	-	-	-	-	4	876	3	95	-	-	-	-
3518	-	-	-	-	-	-	3	256	23	780	1	7	-	-
3519	-	-	-	-	-	-	-	-	2	170	-	-	-	-
3525	1	260	-	-	-	-	1	152	3	465	-	-	-	-
3528	-	-	2	278	-	-	4	917	3	337	-	-	-	-
3529	6	3170	-	-	-	-	-	-	1	39	-	-	-	-
3531	-	-	-	-	-	-	7	178	11	179	-	-	-	-
3532	-	-	-	-	-	-	2	25	8	53	-	-	-	-
3533	-	-	-	-	-	-	7	118	3	108	-	-	-	-
3538	-	-	-	-	-	-	1	137	8	908	-	-	-	-
3541	-	-	-	-	-	-	7	948	1	50	-	-	-	-
3542	-	-	-	-	-	-	4	1076	-	-	-	-	-	-
3544	-	-	1	224	-	-	4	120	7	104	-	-	-	-
3546	-	-	4	189	-	-	9	147	24	1364	1	9	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	1	5	-	-	-	-	2	4	-	-	-	-
3551	-	-	-	-	-	-	-	-	1	285	-	-	-	-
3553	-	-	2	29	-	-	2	22	-	-	-	-	-	-
3559	-	-	4	287	-	-	1	9	-	-	-	-	-	-
3565	-	-	-	-	-	-	31	304	12	228	2	29	-	-
3566	-	-	-	-	-	-	9	1045	1	66	-	-	-	-
3567	-	-	-	-	-	-	10	658	38	933	1	5	-	-
4000	-	-	33	111	-	-	40	360	925	2665	4	64	-	-
5000	-	-	674	31	-	-	1548	591	491	355	422	53	5	3
CUT MO.	11	4164	722	1482	1	346	1780	21779	1624	19087	433	181	7	555
CUT YTD	27	12212	1196	13094	20	1221	12356	127072	6231	118578	1947	1793	120	2336
1011	-	-	-	17	-	-	-	89	-	478	-	8	-	-
3568	-	-	-	-	-	-	8	278	41	618	-	-	-	-
3569	-	-	62	11	-	-	445	239	86	78	3	4	-	-
3571	-	-	-	-	-	-	3	90	2	86	-	-	-	-
3573	-	-	-	-	-	-	2	54	4	111	-	-	1	18
3575	-	-	-	-	-	-	48	643	36	444	2	25	2	40
3578	-	-	-	-	-	-	1	24	1	21	-	-	-	-
3582	-	-	-	-	-	-	2	26	-	-	-	-	-	-
3583	-	-	-	-	-	-	1	22	1	18	-	-	-	-
3584	-	-	-	-	-	-	14	213	26	721	-	-	-	-
3588	-	-	1	228	-	-	5	377	14	1209	-	-	-	-
3589	-	-	-	-	-	-	2	297	4	459	-	-	-	-
3590	-	-	-	-	-	-	4	418	11	410	2	11	-	-
3594	-	-	-	-	1	29	1	80	1	116	-	-	1	60
3595	-	-	1	7	-	-	4	62	1	21	1	42	2	96
3598	-	-	3	133	-	-	20	1344	19	401	-	-	-	-
FRM MO.	-	-	67	398	1	29	560	4255	247	5187	8	89	6	214
FRM YTD	1	58	279	3178	7	2987	2653	26140	1712	30587	106	1174	75	1897
TOT MO.	11	4164	789	1881	2	375	2340	26033	1871	24274	441	271	13	769
TOT YTD	28	12270	1475	16272	27	4208	15009	153212	7943	149166	2053	2967	195	4232

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1981

	BRAZIL UNITS	$000	CHILE UNITS	$000	COLOMBIA UNITS	$000	PERU UNITS	$000	VENEZUELA UNITS	$000	OTH. S. AM. UNITS	$000	INDIA UNITS	$000
674:														
3020	1	119	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	1	259
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	1	69	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	2	117	-	-	1	60	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	1	5	-	-	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	1	486	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	2	233
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	4	85	3	35	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	1	25	-	-	1	23	-	-	-	-	-	-	2	21
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	1	175	-	-	-	-	-	-	-	-	-	-	-	-
3532	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3538	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	1	43
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	1	49	-	-	-	-	-	-	-	-	-	-	-	-
3546	7	92	-	-	1	9	-	-	-	-	-	-	7	37
3547	2	89	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	-	-	-	-	2	47	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	1	19	-	-	-	-	-	-	1	20	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	1	81	1	23	-	-	-	-	-	-	1	18	-	-
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	2	386	-	-	-	-	-	-	1	15	-	-	-	-
4000	1	10	2	75	1	3	-	-	-	-	-	-	1	112
5000	31	27	447	10	15	6	7	12	212	221	1	2	-	-
CUT MO.	51	1629	450	108	25	248	10	47	217	363	2	20	14	704
CUT YTD	383	6947	1172	813	340	1349	63	398	902	4637	221	1523	144	4928
1011	-	-	-	-	-	16	-	5	-	38	-	17	-	-
3568	1	5	-	-	10	24	-	-	9	127	6	9	1	2
3569	6	3	11	14	9	4	-	-	21	7	6	1	22	6
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3575	-	-	-	-	1	4	-	-	1	14	-	-	-	-
3578	-	-	-	-	-	-	-	-	1	38	-	-	-	-
3582	-	-	-	-	-	-	2	30	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	5	255	-	-	-	-	-	-	4	25	-	-	-	-
3588	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3589	2	71	-	-	1	27	-	-	-	-	-	-	1	695
3590	-	-	1	25	-	-	-	-	1	18	-	-	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	1	9	-	-	-	-	-	-	-	-	-	-	-	-
3598	1	55	4	179	3	47	5	218	1	9	1	18	1	15
FRM MO.	16	397	16	218	24	121	7	253	38	275	13	45	25	718
FRM YTD	43	3149	43	247	116	1864	167	1571	371	3902	266	1613	56	3430
TOT MO.	67	2026	466	326	49	369	17	300	255	638	15	65	39	1422
TOT YTD	426	10096	1215	1059	456	3213	230	1969	1273	8539	487	3136	200	8358

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1981

	IRAN UNITS	IRAN $000	ISRAEL UNITS	ISRAEL $000	JAPAN UNITS	JAPAN $000	KOREAN REP. UNITS	KOREAN REP. $000	PHILLIPINES UNITS	PHILLIPINES $000	SINGAPORE UNITS	SINGAPORE $000	TAIWAN UNITS	TAIWAN $000
674:														
3020	-	-	-	-	-	-	-	-	-	-	-	-	1	228
3045	-	-	1	73	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	1	21	-	-	-	-	-	-	1	107
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	1	99	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	1	242	-	-	-	-	-	-	-	-
3258	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	3	2327	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	2	337	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	-	-	-	-	2	16
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	1	8
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	3	77	-	-	-	-	-	-	-	-
3518	-	-	2	330	-	-	-	-	1	9	-	-	2	7
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	-	-	-	-	1	104	-	-
3528	-	-	-	-	2	555	-	-	-	-	-	-	-	-
3529	-	-	-	-	8	800	-	-	-	-	-	-	-	-
3531	-	-	-	-	1	15	5	314	-	-	-	-	-	-
3532	-	-	-	-	2	149	-	-	-	-	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3538	-	-	-	-	3	140	-	-	-	-	3	73	-	-
3541	-	-	-	-	1	244	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	-	-	4	361	1	5	-	-	-	-	1	99
3546	-	-	-	-	-	-	-	-	-	-	-	-	2	10
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	-	-	-	-	1	215	-	-	-	-	-	-	2	20
3566	-	-	-	-	2	468	-	-	-	-	-	-	-	-
3567	-	-	5	29	3	786	-	-	-	-	-	-	-	-
4000	-	-	2	5	1	21	-	-	1	2	-	-	-	-
5000	-	-	2	3	33	20	4	2	1	2	21	21	11	11
CUT MO.	-	-	12	440	67	4215	15	2985	3	14	25	198	23	505
CUT YTD	1	21	221	3173	1066	22289	390	8838	126	1532	568	5165	141	2556
1011	-	-	-	7	-	-	-	-	-	-	-	-	-	3
3568	-	-	-	-	2	50	-	-	-	-	-	-	-	-
3569	-	-	7	7	-	-	-	-	13	8	39	15	-	-
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	-	-	1	1592
3575	-	-	1	135	-	-	-	-	-	-	3	19	-	-
3578	-	-	-	-	1	18	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	1	45	-	-
3584	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3588	-	-	-	-	1	261	2	108	-	-	-	-	-	-
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3590	-	-	-	-	1	4	-	-	-	-	-	-	1	15
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3598	-	-	-	-	-	-	-	-	2	16	-	-	5	143
FRM MO.	-	-	8	150	5	332	2	108	15	24	43	80	7	1752
FRM YTD	-	-	121	602	190	7171	65	1821	76	1038	225	2289	92	7211
TOT MO.	-	-	20	590	72	4547	17	3093	18	38	68	278	30	2257
TOT YTD	1	21	342	3774	1256	29460	455	10658	202	2570	793	7454	233	9767

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1981

	TURKEY		OTHER ASIA		AUSTRALIA		N. ZEALAND		REP./S.AFR.		OTH. AFRICA		ALL OT CTRY	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	3	53	-	-	-	-	-	-	1	197	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	1	324	-	-	-	-	1	204	-	-	-	-
3211	-	-	1	311	-	-	-	-	-	-	-	-	-	-
3216	-	-	1	86	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	2	121	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	1	4	6	176	-	-	1	28	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	2	21	-	-	-	-	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	1	18	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	1	66	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	5	362	1	8	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	5	225	-	-	-	-	-	-	-	-	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	2	20	-	-	-	-	-	-	-	-	-	-	-	-
3531	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3532	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3538	-	-	2	226	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	6	446	-	-	-	-	-	-	-	-	-	-
3546	-	-	1	19	-	-	-	-	-	-	-	-	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	6	135	-	-	-	-	2	10	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	1	22	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	1	317	-	-	-	-
3565	-	-	3	30	-	-	-	-	5	65	-	-	-	-
3566	-	-	-	-	1	6	-	-	-	-	-	-	-	-
3567	-	-	3	31	4	101	-	-	-	-	-	-	-	-
4000	2	13	8	259	7	226	-	-	3	707	-	-	2	2
5000	-	-	764	191	10	7	6	11	201	130	172	21	63	25
CUT MO.	4	33	803	2264	37	838	6	11	217	1812	176	235	65	27
CUT YTD	22	242	2938	10671	1850	7979	21	111	1519	4370	343	3226	700	1011
1011	-	-	-	1	-	3	-	3	-	-	-	43	-	-
3568	-	-	4	46	-	-	1	23	-	-	-	-	-	-
3569	-	-	8	6	12	5	1	2	-	-	-	-	6	4
3571	-	-	1	35	1	118	-	-	-	-	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3575	-	-	8	725	-	-	-	-	6	94	-	-	-	-
3578	-	-	2	213	-	-	-	-	-	-	-	-	-	-
3582	-	-	3	96	-	-	-	-	1	178	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	3	83	2	11	-	-	1	74	1	23	-	-
3588	-	-	2	48	1	34	-	-	1	409	-	-	-	-
3589	-	-	9	365	-	-	-	-	-	-	-	-	-	-
3590	-	-	1	13	-	-	-	-	1	9	12	278	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	2	87	-	-	-	-	-	-	-	-	1	6
3598	-	-	17	8033	-	-	-	-	-	-	-	-	-	-
FRM MO.	-	-	60	9752	16	171	2	27	10	765	13	344	7	11
FRM YTD	1	30	318	15756	167	3731	34	292	102	3769	50	1405	91	1350
TOT MO.	4	33	863	12016	53	1008	8	39	227	2578	189	579	72	38
TOT YTD	23	272	3256	26427	2017	11710	55	403	1621	8139	393	4631	791	2360

JUNE 1981 - U.S. EXPORTS OF MACHINE TOOLS
Total and Countries of Destination
The following is a breakdown of the activity by country which is included in the ALL OTHER columns.

	METAL CUTTING UNITS	METAL CUTTING $000	METAL FORMING UNITS	METAL FORMING $000	TOTAL UNITS	TOTAL $000
EUROPE						
AZORES	-	-	2	1	2	1
BULGARIA	-	-	-	-	-	-
CYPRUS	-	-	-	-	-	-
CZECHOSLOVAKIA	-	-	-	-	-	-
E GERMANY	-	-	-	-	-	-
HUNGARY	-	-	-	-	-	-
ICELAND	-	-	-	-	-	-
PORTUGAL	62	24	5	9	67	33
GIBRALTAR	-	-	-	-	-	-
TOTAL	62	24	7	11	69	35
OTHER N.&C.AM						
BAHAMAS	3	61	-	-	3	61
BARBADOS	-	-	-	-	-	-
BELIZE	-	-	-	-	-	-
BERMUDA	-	-	-	-	-	-
CAYMAN	-	-	-	-	-	-
COSTA RICA	2	11	1	2	3	13
DOMINICAN REP.	26	19	-	-	26	19
FR. W. INDIES	-	-	-	-	-	-
GUATEMALA	300	16	-	-	300	16
HAITI	-	-	-	-	-	-
HONDURAS	-	-	-	-	-	-
JAMAICA	-	-	-	-	-	-
LW & WW IS.	-	-	-	-	-	-
NICARAGUA	4	37	-	-	4	37
N. ANTILLES	-	-	-	-	-	-
PANAMA	97	33	2	11	99	44
SALVADOR	-	-	-	-	-	-
TRINIDAD	1	5	5	76	6	81
TOTAL	433	181	8	89	441	271
OTHER S. AMER						
BOLIVIA	-	-	-	-	-	-
ECUADOR	1	18	7	44	8	62
FRENCH GUIANA	-	-	-	-	-	-
GUYANA	1	2	-	-	1	2
PARAGUAY	-	-	6	1	6	1
SURINAM	-	-	-	-	-	-
URUGUAY	-	-	-	-	-	-
TOTAL	2	20	13	45	15	65
OTHER ASIA						
AFGHANISTAN	-	-	-	-	-	-
ADEN	-	-	-	-	-	-
ARAB EMIRATES	231	30	2	6	233	35
BAHRAIN	1	1	-	-	1	1
BANGLADASH	-	-	-	-	-	-
BRUNEI	13	14	-	-	13	14
BURMA	-	-	-	-	-	-
CHINA	-	-	-	-	-	-
GAZA STRIP	-	-	-	-	-	-
HONG KONG	11	56	23	8124	34	8180
INDONESIA	3	207	7	278	10	485
IRAQ	-	-	-	-	-	-
JORDAN	7	487	-	-	7	487
KUWAIT	47	47	1	13	48	59
LEBANON	-	-	-	-	-	-
MALAYSIA	3	37	4	107	7	144
NEPAL	-	-	-	-	-	-
OMAN	-	-	1	18	1	18
PAKISTAN	2	17	-	-	2	17
QATAR	1	185	-	-	1	185
SAUDI ARABIA	399	1149	20	1166	419	2315
SRI LANKA	-	-	-	-	-	-
SYRIA	-	-	-	-	-	-
THAILAND	85	35	2	40	87	75
YEMEN	-	-	-	-	-	-
TOTAL	803	2264	60	9752	863	12016

	METAL CUTTING UNITS	METAL CUTTING $000	METAL FORMING UNITS	METAL FORMING $000	TOTAL UNITS	TOTAL $000
OTHER OCEANIA						
FR. PAC. IS.	-	-	-	-	-	-
NEW GUINEA	1	1	-	-	1	1
TERR. PAC. IS.	-	-	-	-	-	-
OTH. PAC. IS.	2	2	-	-	2	2
TOTAL	3	3	-	-	3	3
OTHER AFRICA						
BOTSWANA	-	-	-	-	-	-
ALGERIA	1	197	1	23	2	219
ANGOLA	-	-	-	-	-	-
BENIN	-	-	-	-	-	-
CAMEROON	-	-	-	-	-	-
CANARY ISLANDS	-	-	-	-	-	-
DAHOMEY	-	-	-	-	-	-
EGYPT	146	7	12	278	158	285
ETHIOPIA	-	-	-	-	-	-
GABON	-	-	-	-	-	-
GHANA	-	-	-	-	-	-
GUINEA	-	-	-	-	-	-
KENYA	-	-	-	-	-	-
LESOTHO	-	-	-	-	-	-
LIBERIA	3	18	-	-	3	18
LIBYA	-	-	-	-	-	-
MALAWI	-	-	-	-	-	-
MAURITANIA	-	-	-	-	-	-
MOROCCO	-	-	-	-	-	-
MOZAMBIQUE	-	-	-	-	-	-
NIGER	-	-	-	-	-	-
NIGERIA	21	6	-	-	21	49
RWANDA	-	-	-	-	-	-
SENEGAL	1	2	-	-	1	2
SIERRA LEONE	-	-	-	-	-	-
SOMALIA	-	-	-	-	-	-
S. W. AFRICA	-	-	-	-	-	-
SUDAN	-	-	-	-	-	-
SWAZILAND	-	-	-	-	-	-
TANZANIA	-	-	-	-	-	-
TUNISIA	-	-	-	-	-	-
ZIMBABWE	4	6	-	-	4	6
WEST AFRICA	-	-	-	-	-	-
ZAIRE	-	-	-	-	-	-
ZAMBIA	-	-	-	-	-	-
OTH WEST AFR.	-	-	-	-	-	-
IVORY COAST	-	-	-	-	-	-
MAURITIUS	-	-	-	-	-	-
TOGO	-	-	-	-	-	-
TOTAL	176	235	13	344	189	579

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1981

RELEASED: October 9, 1981

674:		TOTAL UNITS	6 MO. $000	AUSTRIA UNITS	AUSTRIA $000	BELGIUM UNITS	BELGIUM $000	DENMARK UNITS	DENMARK $000	FINLAND UNITS	FINLAND $000
	METAL CUTTING										
3020	Gear Hobbers & Shapers	119	12419	-	-	-	-	-	-	-	-
3045	Gear Cutting Machines, N.E.C.	151	18094	-	-	-	-	-	-	-	-
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26'' or Less	37	3368	2	239	-	-	-	-	-	-
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26''	13	2773	2	460	-	-	-	-	-	-
3209	Horizontal Machining Centers, ATC, NC	68	15037	-	-	-	-	-	-	3	699
3211	Machining Centers, NC, N.E.C.	68	7895	-	-	-	-	1	113	-	-
3216	Single Station and Multi-Station Transfer Machines	134	59257	-	-	-	-	-	-	-	-
3225	Way Type Machines (Unit Heads)	11	1205	-	-	-	-	-	-	-	-
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	12	7134	-	-	-	-	-	-	-	-
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	2	631	-	-	-	-	-	-	-	-
3247	Vertical Boring-Drilling-Milling Machines, NC	37	3337	-	-	-	-	-	-	-	-
3248	Horiz. Boring-Drilling-Milling Machines, non-NC	12	1233	-	-	-	-	-	-	-	-
3249	Vertical Boring-Drilling-Milling Machines, non-NC	452	34337	-	-	2	10	-	-	-	-
3254	Drilling Machines, NC	15	2366	-	-	-	-	-	-	-	-
3255	Drilling Machines, Multi-Spindle, non-NC	43	4106	-	-	-	-	1	103	-	-
3256	Drilling Machines, Radial, non-NC	35	1189	-	-	-	-	-	-	-	-
3257	Drilling Machines, Upright, Single Spindle, non-NC	63	2163	-	-	-	-	1	22	-	-
3258	Drilling Machines, non-NC, N.E.C.	145	4071	-	-	-	-	-	-	1	20
3264	Milling Machines, NC	26	7512	-	-	-	-	-	-	-	-
3266	Milling Machines, Profiling, Dupl. & Die Sinking, non-NC	48	5144	-	-	-	-	-	-	-	-
3267	Milling Machines, Knee Type, non-NC	5	269	-	-	-	-	-	-	-	-
3268	Milling Machines, Bed Type, non-NC	11	1119	-	-	-	-	-	-	-	-
3269	Milling Machines, non-NC, N.E.C.	85	3629	-	-	-	-	-	-	-	-
3276	Vertical Boring Machines, incl. VTL's, NC	20	4203	-	-	-	-	-	-	-	-
3277	Vertical Boring Machines, incl. VTL's, non-NC	79	7912	-	-	-	-	-	-	-	-
3281	Boring Machines, NC, N.E.C.	7	1027	-	-	-	-	-	-	-	-
3283	Boring Machines, non-NC, N.E.C.	32	1943	-	-	-	-	-	-	-	-
3504	Horizontal Lathes, NC, Less Than 25 HP	62	4405	-	-	-	-	-	-	-	-
3506	Horizontal Lathes, NC, 25-50 HP	22	3930	-	-	-	-	-	-	-	-
3508	Horizontal Lathes, NC, Over 50 HP	7	1996	-	-	-	-	-	-	-	-
3510	Horizontal Engine & Toolroom Lathes, non-NC	120	2630	-	-	-	-	-	-	-	-
3511	Automatic Chucking Lathes, Single Spindle, non-NC	37	5642	-	-	-	-	-	-	-	-
3512	Automatic Chucking Lathes, Multi-Spindle, non-NC	30	4107	-	-	-	-	-	-	-	-
3515	Automatic Bar Machines, Single Spindle, non-NC	43	2125	-	-	-	-	-	-	-	-
3516	Automatic Bar Machines, Multi-Spindle, non-NC	53	5389	-	-	-	-	-	-	-	-
3518	Horizontal Lathes, non-NC, N.E.C.	319	11225	-	-	2	37	-	-	-	-
3519	Vertical Lathes, excl. VTL's, NC	13	2257	-	-	-	-	-	-	-	-
3525	Vertical Lathes, excl. VTL's, non-NC	97	8857	-	-	-	-	1	166	-	-
3528	Grinding, Polishing, Honing & Lapping Machines, NC	73	12244	-	-	1	27	-	-	-	-
3529	Gear Tooth Grinding & Finishing Machines, non-NC	71	12544	-	-	-	-	-	-	1	187
3531	Tool & Cutter Grinding Machines, non-NC	258	5072	-	-	5	36	1	8	-	-
3532	Honing & Lapping Machines, non-NC	297	5932	1	3	-	-	-	-	5	23
3533	Grinding Machines, Flat Surface Reciprocating Table, non-NC	114	2051	-	-	-	-	-	-	-	-
3538	Grinding Machines, Flat Surface, non-NC, N.E.C.	113	10259	-	-	-	-	-	-	-	-
3541	External Grinding Machines, non-NC	68	9710	1	53	-	-	-	-	-	-
3542	Internal Grinding Machines, non-NC	17	1982	-	-	-	-	-	-	-	-
3544	Grinding, Polishing & Buffing Machines, non-NC, N.E.C.	182	7138	-	-	3	17	-	-	-	-
3546	Grinding Machines, non-NC, N.E.C.	427	13441	-	-	1	194	-	-	-	-
3547	Traveling Wire Electrical Discharge Machines	27	921	-	-	-	-	-	-	-	-
3549	All Other Electrical Dischrage Machines	180	2612	7	56	-	-	-	-	5	38
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	4	460	-	-	-	-	-	-	-	-
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, non-NC	34	652	-	-	-	-	-	-	-	-
3559	Metal Cutting Machine Tools, NC, N.E.C.	81	2277	-	-	-	-	-	-	1	3
3565	Sawing & Cut-off Machines, non-NC	410	6917	-	-	-	-	-	-	-	-
3566	Broaching Machines, non-NC	193	9691	-	-	-	-	-	-	-	-
3567	Metal Cutting Machine Tools, non-NC, N.E.C.	397	12866	-	-	2	11	1	11	1	8
4000	Metal Cutting Machine Tools, Used or Rebuilt*	2849	25007	2	11	-	-	1	4	5	17
5000	Metal Cutting Machine Tools, Less Than $2500*	34657	11472	1	2	2367	405	5	4	15	21
	TOTAL CUTTING YTD	42985	419266	16	823	2383	736	12	432	37	1017
674:	**METAL FORMING**										
1011	Die Casting Machines & Parts	-	7897	-	58	-	75	-	-	-	49
3568	Metal Forming Machine Tools, Used or Rebuilt	909	9150	-	-	3	3	4	12	2	2
3569	Metal Forming Machine Tools, Less Than $2500	4885	3331	-	-	59	22	20	10	-	-
3571	Punching & Shearing Machines, incl. Combination, NC	68	7596	-	-	-	-	1	87	-	-
3573	Shearing Machines, non-NC	73	4736	-	-	1	50	-	-	-	-
3575	Punching & Combination Punching & Shearing Machines, non-NC	546	12228	-	-	1	10	3	129	-	-
3578	Bending, Folding, Straightening & Flattening Machines, NC	81	5712	-	-	4	572	-	-	-	-
3582	Press Brakes, non-NC	102	3903	-	-	-	-	5	356	-	-
3583	Bending Rolls, Ram & Press Bending Machines, non-NC	33	2114	-	-	-	-	-	-	-	-
3584	Bending,Folding,Str. & Flattening Machines, non-NC, N.E.C.	409	11874	-	-	-	-	1	4	2	14
3588	Mechanical Presses, non-NC	236	13024	-	-	1	15	2	20	-	-
3589	Hydraulic Presses, Vertical, Single Action, non-NC	66	6135	-	-	-	-	-	-	-	-
3590	Hydraulic & Pneumatic Presses, non-NC, N.E.C.	332	23965	-	-	1	9	-	-	10	330
3594	Headers & Upsetters, non-NC	39	2949	-	-	-	-	-	-	-	-
3595	Forging Machines, non-NC, N.E.C.	100	7782	-	-	4	33	-	-	-	-
3598	Metal Forming Machine Tools, non-NC, N.E.C.	806	39345	3	31	7	173	1	30	-	-
	TOTAL FORMING YTD	8685	161779	3	89	81	961	37	647	14	395
	TOTAL ALL TYPES YTD	51670	581045	19	912	2464	1697	49	1079	51	1411

Source: U.S. Department of Commerce, Census Report No. EM522; National Machine Tool Builders' Association.

NOTES: 1) a/Dollar amount less than $500; 2) N.E.C. - Not Elsewhere Classified; 3) Individual items may not add to totals due to rounding.
4) Beginning in January 1980, foreign trade data for die casting machines are included in the metal forming total. For 1979, U.S. die casting exports were $9,584,000.

*Code 6744000 shown above represents combined data from codes 674:3015,3241,3252,3261,3272,3501,3526 & 3554.
Code 6745000 shown above represents combined data from codes 674:3243,3253,3262,3273,3502,3527 & 3557.

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1981

674:	FRANCE UNITS	$000	GREECE UNITS	$000	IRELAND UNITS	$000	ITALY UNITS	$000	NETHERLANDS UNITS	$000	NORWAY UNITS	$000	POLAND UNITS	$000	ROMANIA UNITS	$000	SPAIN UNITS	$000	SWEDEN UNITS	$000
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	2	417	-	-	1	72	14	1401	-	-	3	23	-	-	4	769	2	98	-	-
3204	-	-	-	-	-	-	1	86	-	-	-	-	-	-	-	-	-	-	-	-
3206	1	208	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	12	3425	-	-	1	73	1	204	-	-	-	-	-	-	-	-	3	358	2	403
3211	-	-	-	-	-	-	-	-	-	-	1	148	-	-	-	-	1	59	-	-
3216	2	1865	-	-	-	-	1	180	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	1	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	188
3254	-	-	-	-	-	-	1	182	-	-	-	-	-	-	-	-	-	-	-	-
3255	7	984	-	-	1	60	1	63	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	5	382	-	-	2	55	2	248	-	-	-	-	-	-	-	-	-	-	-	-
3258	1	3	-	-	-	-	4	110	-	-	-	-	-	-	-	-	-	-	-	-
3264	1	502	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	1	504	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	2	291	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	2	149	-	-	1	6	1	25	-	-	-	-	-	-	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	1	54	1	15	-	-	1	52	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	5	582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	5	87	-	-	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	1	67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	3	78	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	4	264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	61	-	-
3516	6	264	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	7	99	-	-	5	193	1	3	5	237	-	-	-	-	-	-	2	208	3	15
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	2	91	-	-	2	69	1	458	-	-	-	-	-	-	-	-	-	-	-	-
3528	3	182	-	-	-	-	-	-	1	66	1	24	-	-	-	-	-	-	-	-
3529	1	72	-	-	-	-	1	79	-	-	-	-	-	-	1	144	1	127	-	-
3531	5	191	-	-	-	-	1	4	3	32	-	-	-	-	-	-	-	-	-	-
3532	4	164	-	-	-	-	11	177	1	3	-	-	-	-	-	-	4	45	8	49
3533	3	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	7
3538	-	-	-	-	1	35	1	24	1	17	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	1	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	1	5	14	72	-	-	2	167	2	16	-	-	-	-	1	99	4	106	-	-
3546	5	176	1	35	1	6	4	847	1	44	-	-	-	-	-	-	8	67	3	111
3547	-	-	-	-	-	-	1	3	-	-	-	-	-	-	-	-	-	-	-	-
3549	1	81	-	-	-	-	18	191	-	-	-	-	-	-	-	-	1	8	-	-
3551	1	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	2	31	-	-	-	-	-	-	-	-	9	82
3559	8	64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	146
3565	-	-	1	7	2	13	1	15	23	414	-	-	-	-	-	-	3	41	-	-
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	10	805	2	50	6	215	1	4	7	48	-	-	-	-	-	-	-	-	2	15
4000	5	61	-	-	27	316	3	61	6	29	3	9	-	-	-	-	17	9	3	8
5000	207	64	2	3	524	42	125	105	2713	83	11	4	-	-	-	-	43	27	90	27
CUT YTD	304	10455	21	181	990	2640	204	5279	2765	1008	18	208	-	-	6	972	93	1214	131	1054
1011	-	27	-	29	-	-	-	23	-	85	-	44	-	-	-	-	-	-	-	119
3568	-	-	1	96	8	25	5	13	-	-	2	7	-	-	-	-	1	67	2	10
3569	108	39	2	2	20	20	50	23	76	15	9	7	-	-	-	-	1	1	10	14
3571	11	1793	-	-	1	190	5	446	-	-	-	-	-	-	-	-	1	264	-	-
3573	1	21	-	-	1	58	-	-	-	-	-	-	-	-	-	-	-	-	2	122
3575	10	500	-	-	2	47	8	507	8	126	1	5	-	-	-	-	-	-	2	49
3578	6	330	-	-	-	-	1	37	2	228	-	-	-	-	-	-	3	653	-	-
3582	-	-	-	-	-	-	-	-	1	23	2	23	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	3	130	-	-	-	-	-	-	-	-	-	-
3584	9	245	-	-	1	44	-	-	13	182	3	60	-	-	-	-	-	-	-	-
3588	36	572	-	-	-	-	2	232	-	-	1	67	-	-	-	-	-	-	-	-
3589	-	-	1	67	1	69	-	-	-	-	-	-	-	-	-	-	1	88	-	-
3590	12	532	2	695	-	-	10	1234	6	688	-	-	-	-	-	-	-	-	4	617
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	2	32	-	-	4	2817	5	472	-	-	-	-	-	-	-	-	-	-	-	-
3598	35	953	1	203	3	60	10	1701	1	23	-	-	-	-	-	-	2	566	4	339
FRN YTD	230	5044	7	1092	41	3331	96	4687	110	1501	18	213	-	-	-	-	9	1639	24	1270
TOT YTD	534	15499	28	1273	631	5972	300	9966	2875	2509	36	421	-	-	6	972	102	2852	155	2324

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1981

RELEASE:

	SWITZERLAND		U. KINGDOM		USSR		W. GERMANY		YUGOSLAVIA		CANADA		MEXICO		OTH. N&C AM		ARGENTINA		BRAZIL	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	-	-	-	-	-	-	1	247	-	-	109	10804	1	141	-	-	-	-	1	119
3045	-	-	3	197	9	2908	10	2154	1	225	20	2245	8	230	-	-	-	-	1	227
3204	3	527	5	667	-	-	-	-	-	-	22	1311	1	261	-	-	-	-	1	140
3206	-	-	3	574	-	-	1	[illegible]	-	-	5	1115	-	-	-	-	-	-	1	211
3209	7	2048	-	-	-	-	8	[illegible]	-	-	10	3646	4	604	-	-	-	-	-	-
3211	4	494	5	720	-	-	2	150	-	-	25	2791	8	1628	-	-	1	50	1	124
3216	-	-	15	3896	-	-	-	-	-	-	53	33321	57	18847	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	6	962	2	90	3	153	-	-	-	-
3245	-	-	1	162	-	-	1	281	-	-	6	2129	-	-	-	-	-	-	1	393
3246	-	-	-	-	-	-	-	-	-	-	-	-	1	178	-	-	-	-	1	453
3247	2	192	5	310	-	-	2	188	-	-	10	756	14	1204	-	-	1	41	1	69
3248	-	-	6	362	-	-	-	-	-	-	3	371	1	33	-	-	-	-	-	-
3249	2	200	3	37	-	-	1	65	-	-	28	1202	302	31495	2	15	-	-	4	50
3254	-	-	-	-	-	-	2	642	-	-	11	1528	-	-	-	-	-	-	-	-
3255	-	-	2	179	-	-	2	253	-	-	5	609	14	1093	-	-	-	-	-	-
3256	-	-	12	285	-	-	1	40	-	-	-	-	9	308	1	11	-	-	-	-
3257	1	99	-	-	-	-	1	52	-	-	17	356	30	272	-	-	-	-	-	-
3258	11	198	1	5	-	-	2	6	-	-	37	597	42	2209	2	17	-	-	10	43
3264	-	-	3	809	-	-	-	-	-	-	3	165	1	33	1	65	1	512	2	85
3266	-	-	-	-	-	-	-	-	1	4	8	323	28	148	-	-	-	-	1	486
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	1	89	-	-	-	-	-	-	2	95	-	-	1	15	-	-	-	-
3269	-	-	1	35	-	-	1	9	-	-	9	266	29	1140	-	-	2	137	-	-
3276	-	-	6	646	-	-	1	65	-	-	3	1114	-	-	-	-	2	474	-	-
3277	-	-	15	236	-	-	4	134	-	-	13	3026	22	2473	-	-	-	-	-	-
3281	-	-	-	-	-	-	1	87	-	-	-	-	1	358	-	-	-	-	-	-
3283	-	-	-	-	-	-	1	43	-	-	6	111	7	670	1	20	-	-	1	256
3504	-	-	29	2026	-	-	-	-	-	-	14	1168	12	774	-	-	-	-	-	-
3506	-	-	5	973	-	-	-	-	-	-	8	1671	4	604	-	-	1	220	-	-
3508	-	-	1	296	-	-	-	-	1	[illegible]	4	1123	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	-	-	35	678	25	429	27	276	-	-	-	-
3511	-	-	5	207	-	-	-	-	-	-	13	3267	11	691	-	-	-	-	-	-
3512	-	-	1	91	-	-	-	-	-	-	16	2505	5	417	-	-	-	-	2	398
3515	2	39	1	5	-	-	3	234	-	-	12	570	12	824	1	11	1	285	-	-
3516	-	-	-	-	-	-	-	-	-	-	32	3344	12	1705	-	-	-	-	-	-
3518	1	19	13	306	-	-	17	454	-	-	63	2471	117	5210	8	77	2	45	-	-
3519	-	-	1	247	-	-	2	306	-	-	-	-	5	682	-	-	-	-	-	-
3525	-	-	13	286	1	260	5	759	-	-	6	791	36	3823	2	160	-	-	1	25
3528	-	-	4	674	1	459	10	1277	-	-	25	4853	7	978	1	16	-	-	-	-
3529	-	-	11	181	15	8126	2	368	-	-	11	914	6	187	-	-	-	-	1	61
3531	-	-	10	166	-	-	4	534	-	-	66	746	64	769	5	45	2	48	3	388
3532	36	311	15	126	-	-	17	302	-	-	31	1128	133	2952	-	-	1	22	1	22
3533	1	53	5	102	-	-	-	-	-	-	55	698	17	257	-	-	-	-	-	-
3538	-	-	6	1306	-	-	1	19	-	-	20	2273	30	3011	-	-	2	32	4	603
3541	-	-	3	301	-	-	-	-	-	-	47	7801	3	103	-	-	1	36	4	593
3542	-	-	3	138	-	-	-	-	-	-	9	1441	1	45	-	-	-	-	2	226
3544	-	-	10	169	-	-	4	449	11	93	25	1523	21	728	-	-	-	-	1	49
3546	3	81	22	638	-	-	11	320	-	-	58	2888	62	4964	5	89	-	-	11	365
3547	16	576	-	-	-	-	-	-	-	-	3	18	4	35	-	-	-	-	2	89
3549	-	-	6	96	-	-	2	25	1	541	12	210	19	437	3	16	6	144	1	9
3551	-	-	-	-	-	-	-	-	-	-	-	-	1	285	-	-	-	-	-	-
3553	2	31	1	12	-	-	2	29	-	-	4	65	7	281	-	-	-	-	2	30
3559	4	24	3	29	-	-	20	667	-	-	14	137	4	153	2	11	-	-	-	-
3565	6	40	22	319	-	-	5	124	-	-	168	2022	65	1769	9	99	6	62	1	81
3566	-	-	-	-	-	-	-	-	-	-	117	4653	71	4466	-	-	-	-	-	-
3567	5	40	11	129	1	459	18	646	-	-	75	2120	118	4047	12	117	3	109	6	510
4000	-	-	127	1739	-	-	91	281	-	-	238	3383	1860	12910	43	280	2	48	24	681
5000	234	115	622	225	-	-	940	185	5	12	10764	3768	2917	1629	1818	302	86	73	291	163
CUT YTD	340	5087	1037	19997	27	12212	1196	13094	20	1221	12356	127072	6231	118578	1947	1793	120	2336	383	6947
1011	-	29	-	165	-	8	-	461	-	6	-	1935	-	1150	-	445	-	-	-	290
3568	-	-	23	244	-	-	1	10	-	-	110	1341	274	2540	26	115	28	34	6	34
3569	94	36	105	45	-	-	203	51	-	-	1932	1294	784	598	52	35	8	4	14	8
3571	-	-	7	628	-	-	1	135	-	-	6	550	5	189	-	-	-	-	-	-
3573	-	-	-	-	-	-	2	28	-	-	30	737	20	840	-	-	2	31	1	1029
3575	5	146	27	1226	-	-	6	282	-	-	185	3037	90	1599	3	28	5	118	4	75
3578	1	76	3	351	-	-	5	156	-	-	6	251	14	526	2	29	-	-	-	-
3582	-	-	5	51	-	-	-	-	-	-	19	573	37	1480	2	8	1	7	-	-
3583	-	-	-	-	-	-	-	-	-	-	12	566	10	1170	1	28-	-	-	-	-
3584	-	-	18	856	-	-	3	66	-	-	85	1777	121	3624	8	135	2	77	5	255
3588	-	-	18	2493	-	-	4	403	-	-	51	1867	68	[illegible]	-	-	2	335	3	347
3589	-	-	2	742	-	-	1	77	-	-	13	951	19	[illegible]	3	187	1	31	2	71
3590	13	459	16	1692	-	-	-	-	4	1665	73	3483	105	4392	5	38	3	349	1	539
3594	-	-	-	-	-	-	2	27	1	29	15	1833	5	704	-	-	2	117	1	5
3595	1	45	3	21	-	-	10	129	-	-	11	427	17	583	1	42	2	96	1	9
3598	2	15	245	3292	1	50	41	1354	2	1287	105	5516	143	6418	3	86	19	696	5	488
FRN YTD	116	807	472	11804	1	58	279	3178	7	2987	2653	26140	1712	30587	106	1174	75	1897	43	3149
TOT YTD	456	5893	1509	31801	28	12270	1475	16272	27	4208	15009	153212	7943	149166	2053	2967	195	4232	426	10096

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1981

RELEASED:

	CHILE		COLOMBIA		PERU		VENEZUELA		OTH. S. AM.		INDIA		IRAN		ISRAEL		JAPAN		KOREAN REP.	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	-	-	-	-	1	25	-	-	-	-	1	161	-	-	1	48	3	647	-	-
3045	2	77	-	-	-	-	1	9	1	103	5	1007	-	-	22	938	12	3172	1	15
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	2	357	-	-	1	95	-	-	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	466	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	1	419	-	-	-	-	-	-	1	3500
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	450	-	-
3248	-	-	-	-	-	-	1	104	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	1	15	1	5	3	22	-	-	4	73	-	-	-	-	76	629	1	17
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	232	-	-
3256	-	-	2	117	-	-	1	60	-	-	2	257	-	-	-	-	-	-	1	21
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	675	-	-
3258	-	-	3	25	-	-	1	46	2	35	1	7	-	-	1	4	2	40	-	-
3264	-	-	-	-	-	-	1	37	-	-	-	-	-	-	10	1332	-	-	-	-
3266	-	-	-	-	-	-	1	13	-	-	2	397	-	-	-	-	-	-	3	2327
3267	-	-	-	-	-	-	-	-	-	-	1	87	-	-	1	37	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	1	97	-	-	-	-	1	126	3	407
3269	2	440	-	-	-	-	2	12	-	-	2	19	1	21	-	-	2	851	1	11
3276	-	-	1	219	-	-	1	1009	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	3	357	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	1	157	-	-	-	-	-	-	-	-	4	342	1	129
3504	-	-	-	-	1	73	-	-	-	-	-	-	-	-	-	-	2	137	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	4	85	3	35	1	34	1	7	3	39	-	-	1	14	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	1	77	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	398	-	-
3515	-	-	-	-	-	-	-	-	1	7	4	64	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	77	-	-
3518	-	-	3	32	6	61	4	16	3	260	-	-	-	-	2	330	8	94	6	35
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	431	-	-
3525	-	-	1	23	2	51	3	60	-	-	4	72	-	-	-	-	4	109	2	79
3528	-	-	-	-	-	-	4	141	-	-	-	-	-	-	-	-	10	2945	-	-
3529	-	-	1	52	-	-	1	366	-	-	2	180	-	-	-	-	12	1457	-	-
3531	7	97	-	-	-	-	1	13	-	-	4	134	-	-	3	30	10	377	38	936
3532	-	-	-	-	-	-	1	4	-	-	-	-	-	-	-	-	3	200	-	-
3533	-	-	-	-	-	-	1	22	-	-	2	48	-	-	-	-	13	473	1	9
3538	-	-	1	25	-	-	4	339	-	-	1	15	-	-	-	-	16	1163	1	300
3541	-	-	-	-	-	-	-	-	-	-	1	43	-	-	-	-	1	244	2	174
3542	-	-	-	-	-	-	-	-	1	40	1	92	-	-	-	-	-	-	-	-
3544	-	-	-	-	1	7	-	-	-	-	2	142	-	-	-	-	31	2643	1	5
3546	-	-	10	246	2	65	40	215	55	329	11	552	-	-	38	199	26	148	18	128
3547	-	-	-	-	-	-	1	200	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	-	-	4	84	3	75	-	-	-	-	-	-	7	147	5	27
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	1	20	-	-	1	11	-	-	-	-	-	-	-	-
3559	1	3	-	-	-	-	1	3	2	489	-	-	-	-	-	-	1	11	6	46
3565	3	35	1	8	2	11	3	260	2	39	3	20	-	-	1	6	10	399	2	44
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	555	-	-
3567	-	-	3	31	-	-	5	43	4	22	25	161	-	-	6	33	10	1806	3	419
4000	18	102	3	13	2	19	38	509	12	70	4	355	-	-	4	32	17	600	29	151
5000	1139	60	304	102	42	46	774	740	134	49	52	43	-	-	131	171	770	247	264	60
CUT YTD	1172	813	340	1349	63	398	902	4637	221	1523	144	4928	1	21	221	3173	1066	22289	390	8838

1011	-	1	-	47	-	7	-	181	-	98	-	11	-	-	-	9	-	1159	-	10
3568	-	-	73	188	-	-	52	1033	137	668	3	10	-	-	17	36	4	1136	41	686
3569	37	37	17	11	146	266	223	102	108	35	26	15	-	-	95	55	90	124	3	1
3571	-	-	-	-	-	-	-	-	-	-	4	782	-	-	1	53	13	813	1	35
3573	-	-	-	-	-	-	1	16	-	-	-	-	-	-	1	6	-	-	2	63
3575	-	-	1	4	5	75	8	276	3	80	-	-	-	-	5	323	30	484	3	54
3578	-	-	-	-	-	-	11	366	-	-	-	-	-	-	-	-	14	898	-	-
3582	-	-	1	11	2	30	2	12	-	-	-	-	-	-	-	-	1	195	-	-
3583	-	-	-	-	-	-	1	19	-	-	-	-	-	-	-	-	-	-	2	46
3584	1	4	4	59	1	9	49	357	3	62	-	-	-	-	-	-	12	564	1	157
3588	-	-	-	-	-	-	2	358	-	-	1	21	-	-	-	-	4	370	6	708
3589	-	-	1	27	1	35	-	-	-	-	2	839	-	-	-	-	1	36	-	-
3590	1	25	4	1170	5	233	5	109	1	6	5	1229	-	-	-	-	6	610	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	1	686	2	123	1	8	1	6	-	-	2	119	-	-	-	-
3598	4	179	15	348	6	230	15	950	13	657	14	517	-	-	-	-	15	784	6	61
FRM YTD	43	247	116	1864	167	1571	371	3902	266	1613	56	3430	-	-	121	602	190	7171	65	1821
TOT YTD	1215	1059	456	3213	230	1969	1273	8539	487	3136	200	8358	1	21	342	3774	1256	29460	455	10658

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1981

	PHILLIPINES		SINGAPORE		TAIWAN		TURKEY		OTHER ASIA		AUSTRALIA		N. ZEALAND		REP./S.AFR.		OTH. AFRICA		ALL OT CTRY	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	-	-	-	-	1	228	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	1	58	2	103	5	151	-	-	18	1167	-	-	-	-	2	131	1	197	-	-
3204	-	-	-	-	1	92	-	-	-	-	-	-	-	-	-	-	-	-	1	47
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	15	1470	1	377	-	-	1	204	-	-	-	-
3211	9	453	-	-	-	-	-	-	3	365	2	261	-	-	1	66	1	19	-	-
3216	-	-	-	-	2	418	-	-	3	265	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	126	-	-	-	-
3248	-	-	-	-	-	-	-	-	1	362	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	1	107	-	-	10	156	-	-	-	-	1	34	1	17	-	-
3254	-	-	-	-	-	-	-	-	1	14	-	-	-	-	-	-	-	-	-	-
3255	1	69	-	-	-	-	-	-	2	139	6	257	-	-	1	65	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	90	-	-	-	-
3257	-	-	-	-	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	3	32	1	15	2	28	-	-	7	72	6	176	-	-	1	28	2	175	1	180
3264	-	-	-	-	-	-	-	-	1	87	2	1887	-	-	-	-	-	-	-	-
3266	-	-	-	-	2	42	-	-	-	-	1	900	-	-	-	-	-	-	-	-
3267	-	-	-	-	1	65	-	-	2	80	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	1	7	5	72	2	133	4	44	15	214	-	-	1	21	-	-	1	21
3275	-	-	2	467	-	-	-	-	-	-	5	208	-	-	-	-	-	-	-	-
3277	-	-	5	396	1	8	-	-	13	1161	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	3	52	1	15	-	-	1	68	-	-	-	-
3504	-	-	2	98	-	-	-	-	1	64	1	66	-	-	-	-	-	-	-	-
3506	1	250	-	-	-	-	-	-	1	85	-	-	-	-	-	-	1	80	-	-
3508	-	-	1	231	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	3	166	4	333	-	-	-	-	-	-	3	53	-	-	6	395	1	8	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	1400	-	-
3512	-	-	1	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	1	20	-	-	-	-	1	7	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	2	20	11	419	5	44	-	-	14	460	2	18	-	-	6	78	5	36	-	-
3519	-	-	4	591	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	4	867	-	-	-	-	2	57	-	-	-	-	-	-	2	205	3	386
3528	-	-	-	-	-	-	-	-	1	135	1	25	-	-	-	-	3	442	-	-
3529	1	15	-	-	-	-	2	20	1	8	-	-	-	-	-	-	-	-	-	-
3531	1	6	10	130	3	177	-	-	7	44	3	104	-	-	2	69	-	-	-	-
3532	-	-	-	-	-	-	-	-	5	41	7	133	-	-	11	99	-	-	2	128
3533	-	-	11	221	2	37	-	-	-	-	-	-	1	25	1	74	-	-	-	-
3538	1	18	13	529	4	160	-	-	4	360	1	19	-	-	1	13	-	-	-	-
3541	-	-	1	46	2	190	-	-	1	106	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	26	174	2	164	-	-	16	509	-	-	-	-	2	15	2	25	-	-
3546	-	-	1	5	3	21	-	-	9	530	3	35	-	-	14	136	1	6	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	2	4	7	17	2	20	7	39	4	8	53	292	-	-	2	80	2	10	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	116
3553	-	-	-	-	-	-	-	-	2	41	-	-	1	20	-	-	-	-	-	-
3559	1	4	1	11	-	-	-	-	5	16	1	3	1	6	3	446	1	9	-	-
3565	-	-	4	61	5	39	-	-	26	371	9	241	1	17	22	261	4	101	-	-
3566	-	-	-	-	-	-	-	-	1	10	1	6	-	-	-	-	-	-	-	-
3567	4	207	2	12	2	14	-	-	16	148	20	181	2	13	8	168	4	242	2	24
4000	5	198	46	195	12	434	3	36	112	1117	24	321	2	14	44	879	13	98	5	18
5000	91	32	408	203	77	43	8	14	2626	1110	1685	205	13	16	1382	864	294	117	683	90
CUT YTD	126	1532	568	5165	141	2556	22	242	2938	10671	1850	7979	21	111	1519	4370	343	3226	700	1011
1011	-	187	-	28	-	10	-	-	-	27	-	341	-	97	-	39	-	684	-	-
3568	6	43	13	266	17	22	-	-	23	296	9	36	1	23	8	114	1	11	12	32
3569	58	51	166	49	29	19	-	-	158	212	95	27	23	13	14	21	17	13	33	95
3571	-	-	-	-	-	-	-	-	1	35	10	1597	-	-	-	-	-	-	-	-
3573	-	-	-	-	2	1604	-	-	5	115	-	-	-	-	2	16	-	-	-	-
3575	2	18	12	192	10	118	-	-	23	1047	13	440	3	30	52	730	2	23	14	450
3578	-	-	-	-	1	154	-	-	5	996	2	63	1	26	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	9	139	7	61	-	-	5	940	2	8	1	6
3583	-	-	1	45	-	-	-	-	2	81	1	30	-	-	-	-	-	-	-	-
3584	1	66	5	138	5	269	-	-	31	1789	9	440	1	35	5	457	8	115	2	8
3588	-	-	19	225	4	107	-	-	4	364	3	89	-	-	2	455	-	-	3	501
3589	-	-	-	-	3	907	-	-	13	516	1	194	-	-	-	-	-	-	-	-
3590	3	591	4	105	8	2433	-	-	6	141	2	56	-	-	3	175	13	386	1	74
3594	-	-	-	-	-	-	1	30	-	-	10	184	-	-	2	68	-	-	-	-
3595	1	47	1	1195	3	110	-	-	5	284	3	82	-	-	2	275	-	-	17	183
3598	5	36	4	46	10	1458	-	-	33	9712	6	190	5	104	7	449	7	205	8	80
FRM YTD	76	1038	225	2289	92	7211	1	30	318	15756	167	3731	34	292	102	3769	50	1405	91	1350
TOT YTD	202	2570	793	7454	233	9767	23	272	3256	26427	2017	11710	55	403	1621	8139	393	4631	791	2360

JANUARY - JUNE 1981 - U.S. EXPORTS OF MACHINE TOOLS
Total and Countries of Destination
The following is a breakdown of the activity by country which is included in the ALL OTHER columns.

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
EUROPE						
AZORES	-	-	2	1	2	1
BULGARIA	-	-	1	8	1	8
CYPRUS	-	-	-	-	-	-
CZECHOSLOVAKIA	4	319	12	933	16	1252
E GERMANY	-	-	-	-	-	-
HUNGARY	3	482	-	-	3	482
ICELAND	95	23	4	16	99	38
PORTUGAL	611	171	69	380	680	551
GIBRALTAR	-	-	-	-	-	-
TOTAL	673	994	88	1338	761	2332
OTHER N.&C.AM						
BAHAMAS	36	277	3	10	39	287
BARBADOS	7	14	2	30	9	44
BELIZE	2	2	-	-	2	2
BERMUDA	1	3	-	-	1	3
CAYMAN	1	1	-	-	1	1
COSTA RICA	36	55	5	74	41	129
DOMINICAN REP.	58	132	19	42	77	174
FR. W. INDIES	-	-	1	3	1	3
GUATEMALA	367	166	2	55	369	221
HAITI	25	95	3	7	28	102
HONDURAS	32	85	2	21	34	106
JAMAICA	18	59	23	236	41	295
LW & WW IS.	3	12	10	7	13	19
NICARAGUA	6	89	2	4	8	93
N. ANTILLES	4	1	-	-	4	1
PANAMA	1330	352	22	165	1352	517
SALVADOR	1	1	3	412	4	414
TRINIDAD	20	450	9	107	29	557
TOTAL	1947	1793	106	1176	2053	2967
OTHER S. AMER						
BOLIVIA	9	297	5	45	14	343
ECUADOR	99	1167	211	1445	310	2612
FRENCH GUIANA	-	-	-	-	-	-
GUYANA	1	2	-	-	1	2
PARAGUAY	1	40	6	1	7	41
SURINAM	-	-	1	48	1	48
URUGUAY	111	17	43	74	154	91
TOTAL	221	1523	266	1613	487	3136
OTHER ASIA						
AFGHANISTAN	-	-	-	-	-	-
ADEN	-	-	-	-	-	-
ARAB EMIRATES	602	492	3	7	605	499
BAHRAIN	1	1	1	8	2	9
BANGLADASH	-	-	-	-	-	-
BRUNEI	13	14	-	-	13	14
BURMA	-	-	2	1	2	1
CHINA	23	493	1	64	24	557
GAZA STRIP	-	-	-	-	-	-
HONG KONG	142	989	34	8238	176	9227
INDONESIA	29	332	11	426	40	758
IRAQ	11	140	-	-	11	140
JORDAN	24	663	1	131	25	794
KUWAIT	152	143	6	64	158	207
LEBANON	34	29	35	104	69	133
MALAYSIA	31	405	18	449	49	854
NEPAL	-	-	-	-	-	-
OMAN	-	-	19	36	19	36
PAKISTAN	7	84	-	-	7	84
QATAR	21	261	2	219	23	481
SAUDI ARABIA	1696	5731	144	5478	1840	11209
SRI LANKA	-	-	1	13	1	13
SYRIA	1	2	1	39	2	40
THAILAND	151	893	39	480	190	1373
YEMEN	-	-	-	-	-	-
TOTAL	2938	10671	318	15756	3256	26427

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER OCEANIA						
FR. PAC. IS.	2	2	2	8	4	10
NEW GUINEA	19	9	1	3	20	12
TERR. PAC. IS.	-	-	-	-	-	-
OTH. PAC. IS.	6	6	-	-	6	6
TOTAL	27	16	3	11	30	28
OTHER AFRICA						
BOTSWANA	1	2	-	-	1	2
ALGERIA	7	300	4	36	11	335
ANGOLA	-	-	6	5	6	5
BENIN	-	-	-	-	-	-
CAMEROON	-	-	2	19	2	19
CANARY ISLANDS	3	11	-	-	3	11
DAHOMEY	-	-	-	-	-	-
EGYPT	168	2518	15	1162	183	3680
ETHIOPIA	6	4	-	-	6	4
GABON	-	-	-	-	-	-
GHANA	9	13	4	12	13	26
GUINEA	3	14	-	-	3	14
KENYA	2	2	-	-	2	2
LESOTHO	-	-	-	-	-	-
LIBERIA	4	78	-	-	4	78
LIBYA	12	104	1	13	13	117
MALAWI	-	-	-	-	-	-
MAURITANIA	-	-	-	-	-	-
MOROCCO	4	2	-	-	4	2
MOZAMBIQUE	-	-	-	-	-	-
NIGER	-	-	-	-	-	-
NIGERIA	76	99	3	46	79	145
RWANDA	-	-	-	-	-	-
SENEGAL	2	3	1	7	3	11
SIERRA LEONE	5	3	-	-	5	3
SOMALIA	4	6	-	-	4	6
S. W. AFRICA	1	8	-	-	1	8
SUDAN	-	-	12	80	12	80
SWAZILAND	-	-	-	-	-	-
TANZANIA	1	17	-	-	1	17
TUNISIA	-	-	-	-	-	-
ZIMBABWE	13	19	-	-	13	19
WEST AFRICA	-	-	-	-	-	-
ZAIRE	15	22	-	-	15	22
ZAMBIA	6	2	1	11	7	13
OTH WEST AFR.	-	-	-	-	-	-
IVORY COAST	-	-	1	14	1	14
MAURITIUS	1	2	-	-	1	2
TOGO	-	-	-	-	-	-
TOTAL	343	3226	50	1405	393	4631

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1981

RELEASED: October 9, 1981

		TOTAL 6 MO.		AUSTRIA		BELGIUM		CZECHO.	
674:	METAL CUTTING	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	Gear Hobbers	96	9899	-	-	-	-	3	90
3035	Gear Shapers	8	1083	-	-	-	-	-	-
3045	Gear Cutting Machines, N.E.C.	10	1627	-	-	-	-	1	15
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26'' or Less	485	37455	-	-	-	-	-	-
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26''	69	9874	-	-	-	-	-	-
3209	Horizontal Machining Centers, ATC, NC	174	21229	-	-	-	-	-	-
3211	Machining Centers, NC, N.E.C.	163	16387	-	-	-	-	-	-
3212	Single Station and Multi-Station Transfer Machines	14	3382	-	-	-	-	-	-
3213	Way Type Machines (Unit Heads)	-	-	-	-	-	-	-	-
3217	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	9	2709	-	-	-	-	-	-
3218	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	-	-	-	-	-	-	-	-
3219	Vertical Boring-Drilling-Milling Machines,NC	20	3317	-	-	-	-	-	-
3222	Horiz. Boring-Drilling-Milling Machines,non-NC	106	10052	-	-	-	-	9	239
3223	Vertical Boring-Drilling-Milling Machines,non-NC	1019	8158	-	-	-	-	2	61
3228	Drilling Machines,NC	8	489	-	-	-	-	-	-
3229	Drilling Machines, Multi-Spindle. non-NC	23	2701	-	-	-	-	-	-
3234	Drilling Machines, Radial, non-NC	674	5469	-	-	-	-	6	58
3236	Drilling Machines, Upright, Single Spindle, non-NC	131	790	-	-	-	-	-	-
3242	Drilling Machines, non-NC, N.E.C.	202	4272	-	-	-	-	1	7
3264	Milling Machines, NC	218	16656	-	-	-	-	1	9
3266	Milling Machines, Profiling, Dupl. & Die Sinking, non-NC	195	2992	-	-	-	-	-	-
3267	Milling Machines, Knee Type, non-NC	2156	15464	-	-	2	6	5	16
3268	Milling Machines, Bed Type, non-NC	287	8788	-	-	-	-	-	-
3269	Milling Machines, non-NC, N.E.C.	2207	22042	-	-	-	-	26	320
3276	Vertical Boring Machines, incl. VTL's, NC	21	2727	-	-	-	-	1	26
3277	Vertical Boring Machines, incl. VTL's, non-NC	124	4368	-	-	-	-	7	306
3281	Boring Machines, NC, N.E.C.	9	3473	-	-	-	-	-	-
3283	Boring Machines, non-NC, N.E.C.	184	8815	-	-	-	-	12	240
3507	Horizontal Lathes, NC, Less Than 25 HP	984	63990	-	-	-	-	-	-
3509	Horizontal Lathes, NC, 25-50 HP	595	54607	-	-	-	-	-	-
3511	Horizontal Lathes, NC, Over 50 HP	121	15319	-	-	-	-	-	-
3512	Horizontal Engine & Toolroom Lathes, non-NC	3929	36242	12	203	-	-	88	592
3513	Automatic Chucking Lathes, Single Spindle, non-NC	52	2667	-	-	-	-	-	-
3514	Automatic Chucking Lathes, Multi-Spindle, non-NC	29	4085	-	-	-	-	-	-
3515	Automatic Bar Machines, Single Spindle, non-NC	171	3857	-	-	-	-	-	-
3516	Automatic Bar Machines, Multi-Spindle, non-NC	80	6047	-	-	14	49	-	-
3518	Horizontal Lathes, non-NC, N.E.C.	371	11956	-	-	-	-	1	4
3521	Vertical Lathes, excl. VTL's, NC	122	12570	-	-	-	-	-	-
3522	Vertical Lathes, excl. VTL's, non-NC	1242	23642	1	321	6	187	52	286
3527	Gear Tooth Grinding & Finishing Machines	56	5249	-	-	2	140	-	-
3528	Tool & Cutter Grinding Machines, NC	59	3880	-	-	-	-	-	-
3529	Tool & Cutter Grinding Machines, non-NC	537	9319	-	-	3	33	7	22
3533	Honing & Lapping Machines	96	4712	-	-	-	-	-	-
3539	Grinding Machines, Flat Surface, NC	26	2488	-	-	-	-	-	-
3541	Grinding Machines, Flat Surface Reciprocating Table,non-NC	304	6282	-	-	-	-	2	10
3543	Grinding Machines, Flat Surface, non-NC, N.E.C.	695	15113	-	-	-	-	1	7
3546	Grinding & Polishing Machines, NC, N.E.C.	14	1464	-	-	-	-	-	-
3554	External Grinding Machines, non-NC	312	14752	-	-	21	1002	14	190
3556	Internal Grinding Machines, non-NC	41	2425	-	-	-	-	-	-
3558	Grinding, Polishing & Buffing Machines, non-NC, N.E.C.	104	3942	-	-	-	-	12	84
3559	Grinding Machines, non-NC, N.E.C.	450	10962	-	-	3	102	3	23
3562	Traveling Wire Electrical Discharge Machines	187	11416	-	-	-	-	-	-
3564	All Other Electrical Discharge Machines	99	5020	-	-	-	-	-	-
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	64	2361	-	-	58	2099	-	-
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, non-NC	50	967	-	-	1	6	-	-
3576	Metal Cutting Machine Tools, NC, N.E.C.	17	573	-	-	-	-	-	-
3577	Sawing & Cut-off Machines, non-NC	655	7311	-	-	1	4	-	-
3578	Broaching Machines, non-NC	30	3474	-	-	-	-	-	-
3579	Metal Cutting Machine Tools, non-NC, N.E.C.	344	8585	-	-	-	-	-	-
4000	Metal Cutting Machine Tools, Used or Rebuilt*	2129	21139	-	-	117	854	34	359
5000	Metal Cutting Machine Tools, Less Than $2500*	376161	32359	621	367	23	24	5	10
	TOTAL CUTTING YTD-	398698	633052	634	891	251	4504	293	2972
674:	METAL FORMING								
1010	Die Casting Machines	80	2221	1	99	-	-	-	-
3582	Metal Forming Machine Tools, Used or Rebuilt	322	2385	-	-	7	43	-	-
3583	Metal Forming Machine Tools, Less Than $2500	8449	2062	1	2	-	-	-	-
3584	Punching & Shearing Machines, incl. Combination, NC	141	19050	-	-	1	384	-	-
3586	Shearing Machines, non-NC	368	6195	-	-	21	495	-	-
3587	Punching & Combination Punching & Shearing Machines, non-NC	393	5247	-	-	-	-	-	-
3588	Bending, Folding, Straightening & Flattening Machines, NC	8	804	-	-	-	-	-	-
3589	Press Brakes, non-NC	221	3664	-	-	12	384	-	-
3591	Bending Rolls, Ram & Press Bending Machines, non-NC	119	3715	-	-	2	117	-	-
3592	Bending,Folding,Str. & Flattening Machines, non-NC, N.E.C.	468	7367	-	-	1	105	-	-
3593	Metal Forming Machine Tools, NC, N.E.C.	9	1290	-	-	-	-	-	-
3594	Mechanical Presses, non-NC	73	6015	-	-	2	38	-	-
3595	Hydraulic Presses, Vertical, Single Action, non-NC	53	2775	-	-	3	651	-	-
3596	Hydraulic & Pneumatic Presses, non-NC, N.E.C.	172	11739	-	-	10	1151	-	-
3597	Headers & Upsetters, non-NC	98	6298	-	-	-	-	-	-
3598	Forging Machines, non-NC, N.E.C.	19	1125	-	-	-	-	-	-
3599	Metal Forming Machine Tools, non-NC, N.E.C.	536	16439	-	-	17	1001	-	-
	TOTAL FORMING YTD	11489	94409	2	101	76	4368	-	-
	TOTAL ALL TYPES YTD	410187	727461	636	992	327	8873	293	2972

Source: U.S. Department of Commerce, Census Report No. IM146; National Machine Tool Builders' Association.

NOTES: 1) a/Dollar amount less than $500; 2) N.E.C. - Not Elsewhere Classified; 3) Individual items may not add to totals due to roundi

4) Machine tool imports, as reflected in the government statistics, are actually undervalued since they reflect values in the country of origin and do not include ocean freight, insurance, dealer's commission or import duties.

5) Beginning in January 1980, foreign trade data for die casting machines are included in the metal forming total. U.S. die casting imports are not available for previous years.

*Code 6744000 shown above represents combined data from codes 674:3015,3215,3226,3261,3272,3502,3524 & 3573.
Code 6745000 shown above represents combined data from codes 674:3227,3262,3273,3503,3526 & 3574.

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1981

	DENMARK		E. GERMANY		FRANCE		ITALY		NETHERLANDS		NORWAY		POLAND	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	-	-	6	445	-	-	-	-	-	-	-	-	-	-
3035	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	1	51	-	-	-	-	-	-
3212	-	-	-	-	-	-	2	588	-	-	-	-	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	1	417	-	-	-	-	-	-	-	-
3222	-	-	-	-	-	-	2	128	-	-	-	-	4	638
3223	-	-	-	-	1	84	4	135	-	-	-	-	6	904
3228	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3229	-	-	-	-	-	-	1	31	-	-	-	-	-	-
3234	-	-	-	-	1	7	26	303	-	-	-	-	31	414
3236	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3242	-	-	1	35	1	9	2	14	-	-	-	-	-	-
3264	-	-	-	-	6	534	3	188	-	-	-	-	-	-
3266	-	-	-	-	5	34	23	1721	-	-	-	-	-	-
3267	-	-	-	-	24	101	21	388	-	-	-	-	68	994
3268	-	-	1	58	5	201	4	158	-	-	-	-	-	-
3269	-	-	7	157	18	531	16	357	4	392	-	-	-	-
3276	-	-	-	-	2	415	2	374	-	-	-	-	-	-
3277	-	-	1	6	-	-	17	1463	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	3	38	2	200	-	-	15	449	-	-	-	-	-	-
3507	-	-	-	-	49	2680	17	1024	-	-	-	-	-	-
3509	-	-	-	-	13	737	4	474	-	-	-	-	-	-
3511	-	-	-	-	-	-	6	309	1	121	-	-	-	-
3512	-	-	-	-	23	430	57	1407	-	-	-	-	176	3699
3513	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3514	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	1	23	-	-	-	-	-	-	5	114
3516	-	-	-	-	-	-	2	233	-	-	-	-	-	-
3518	-	-	-	-	1	51	2	16	-	-	-	-	-	-
3521	-	-	-	-	1	25	15	1800	-	-	-	-	-	-
3522	2	17	-	-	18	479	22	779	-	-	-	-	1	4
3527	-	-	5	285	-	-	-	-	-	-	-	-	-	-
3528	2	12	-	-	-	-	7	254	-	-	-	-	-	-
3529	4	22	-	-	3	75	13	292	6	127	-	-	-	-
3533	-	-	-	-	2	79	-	-	-	-	-	-	-	-
3539	6	105	-	-	2	153	1	20	-	-	-	-	-	-
3541	23	427	-	-	-	-	3	70	-	-	-	-	-	-
3543	1	12	1	41	2	197	76	1089	3	31	-	-	-	-
3546	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3554	-	-	-	-	-	-	27	811	16	671	-	-	-	-
3556	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3558	2	69	-	-	1	38	-	-	1	18	-	-	-	-
3559	12	84	-	-	7	47	67	1375	11	128	1	11	3	54
3562	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3564	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	1	18	-	-	-	-	-	-
3571	-	-	-	-	-	-	1	6	-	-	-	-	-	-
3576	-	-	1	52	-	-	-	-	-	-	-	-	-	-
3577	1	21	-	-	6	219	31	372	-	-	1	48	-	-
3578	-	-	-	-	-	-	1	32	-	-	-	-	-	-
3579	-	-	1	11	3	299	43	348	10	91	-	-	-	-
4000	-	-	40	362	36	1518	35	404	44	510	-	-	11	59
5000	374	76	3	1	1408	505	1687	742	285	271	10	2	173	37
CUT YTD	430	884	69	1654	1640	9886	2257	18214	381	2360	12	61	478	6917
1010	-	-	-	-	1	101	23	197	-	-	-	-	-	-
3582	6	671	2	11	-	-	13	25	4	15	-	-	1	1
3583	36	71	-	-	252	98	357	59	3	1	-	-	-	-
3584	-	-	-	-	1	311	2	150	-	-	-	-	-	-
3586	12	85	-	-	19	304	5	149	2	25	-	-	-	-
3587	-	-	-	-	-	-	57	284	-	-	-	-	-	-
3588	-	-	-	-	-	-	2	368	-	-	-	-	-	-
3589	6	93	-	-	2	73	1	25	2	42	-	-	-	-
3591	2	60	-	-	-	-	38	603	1	15	-	-	-	-
3592	2	52	-	-	18	291	130	1510	-	-	1	36	-	-
3593	-	-	-	-	1	99	-	-	-	-	-	-	-	-
3594	-	-	-	-	2	111	2	34	-	-	-	-	-	-
3595	1	7	-	-	-	-	14	130	-	-	-	-	-	-
3596	1	99	-	-	-	-	13	587	-	-	-	-	-	-
3597	-	-	-	-	-	-	10	602	-	-	-	-	-	-
3598	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3599	-	-	-	-	8	327	85	1648	5	95	5	198	1	8
FRM YTD	66	1138	2	11	304	1675	752	6370	17	193	6	234	2	9
TOT YTD	496	2022	71	1665	1944	11561	3009	24585	398	2553	18	295	480	6925

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1981

	PORTUGAL		SPAIN		SWEDEN		SWITZERLAND		U. KINGDOM		W. GERMANY		YUGOSLAVIA	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	-	-	-	-	-	-	3	71	12	1077	38	6603	-	-
3035	-	-	-	-	-	-	1	17	3	279	4	787	-	-
3045	-	-	-	-	-	-	2	662	4	709	2	224	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	2	128	1	67	-	-
3209	-	-	-	-	-	-	3	1851	1	26	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	3	1613	-	-
3212	-	-	-	-	-	-	4	608	-	-	6	1036	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	1	89	-	-	-	-	2	611	2	539	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	-	-	1	50	2	605	10	1448	-	-
3222	-	-	5	504	-	-	-	-	9	1275	-	-	2	376
3223	-	-	13	89	2	6	6	1690	11	958	20	869	-	-
3228	-	-	-	-	-	-	1	190	-	-	1	110	-	-
3229	-	-	4	60	-	-	1	27	8	467	4	107	-	-
3234	40	234	16	157	12	50	-	-	18	274	5	38	-	-
3236	-	-	26	87	13	72	1	220	10	67	16	85	-	-
3242	-	-	67	358	3	26	6	230	9	133	15	1062	1	139
3264	-	-	24	542	2	182	1	52	98	5945	21	1169	-	-
3266	-	-	-	-	1	44	2	227	10	155	18	351	-	-
3267	-	-	914	4953	7	171	-	-	162	909	40	593	-	-
3268	-	-	3	100	22	661	1	34	13	597	6	294	-	-
3269	-	-	130	1509	16	803	16	1228	69	3103	35	3155	-	-
3276	-	-	1	97	-	-	-	-	2	511	-	-	1	63
3277	-	-	1	11	4	25	8	463	17	683	4	215	-	-
3281	-	-	-	-	-	-	-	-	5	541	1	1242	-	-
3283	-	-	4	348	-	-	7	647	52	2583	12	729	-	-
3507	-	-	-	-	-	-	1	61	1	158	21	2015	-	-
3509	-	-	-	-	10	1216	-	-	1	191	2	335	-	-
3511	-	-	-	-	18	2667	-	-	1	126	6	1494	-	-
3512	-	-	84	1147	4	60	2	11	580	4785	40	595	94	911
3513	-	-	-	-	-	-	-	-	6	364	4	1118	-	-
3514	-	-	-	-	-	-	-	-	2	196	14	3223	-	-
3515	-	-	-	-	-	-	32	1002	11	310	67	1049	-	-
3516	-	-	-	-	-	-	8	588	35	4356	-	-	-	-
3518	-	-	3	27	-	-	16	891	25	996	27	2033	-	-
3521	-	-	-	-	4	521	-	-	5	663	15	2995	-	-
3522	-	-	22	428	4	21	17	2537	76	1798	35	3295	92	881
3527	-	-	-	-	-	-	21	3438	14	780	9	331	-	-
3528	-	-	-	-	-	-	-	-	3	272	7	766	-	-
3529	2	8	13	48	6	92	52	1447	148	2784	141	3269	-	-
3533	-	-	2	42	-	-	2	57	56	1184	25	3199	-	-
3539	-	-	-	-	-	-	-	-	5	1467	2	275	-	-
3541	-	-	2	7	-	-	3	189	7	84	41	2576	-	-
3543	-	-	17	68	2	34	22	742	88	3807	65	3005	2	149
3546	-	-	-	-	4	586	1	30	2	328	4	302	-	-
3554	-	-	7	161	7	909	40	3736	75	3736	16	1331	-	-
3556	-	-	2	119	-	-	3	186	3	1040	12	375	-	-
3558	-	-	5	293	-	-	11	919	8	464	25	1096	-	-
3559	-	-	4	148	3	14	36	2222	82	1451	71	2034	-	-
3562	-	-	-	-	-	-	60	3692	-	-	-	-	-	-
3564	-	-	-	-	-	-	43	1441	2	177	2	138	-	-
3567	-	-	-	-	3	57	-	-	2	192	-	-	-	-
3571	-	-	-	-	-	-	2	29	1	103	13	396	-	-
3576	-	-	1	30	5	80	3	159	1	87	-	-	-	-
3577	-	-	1	22	1	21	8	150	100	517	286	3187	-	-
3578	-	-	-	-	-	-	1	21	22	2647	4	758	-	-
3579	-	-	10	179	12	445	33	947	65	694	58	2959	-	-
4000	-	-	6	37	27	169	125	1090	1016	8592	465	5406	-	-
5000	59	107	374	190	745	605	1418	145	2481	1106	9003	1719	-	-
CUT YTD	101	349	1762	11849	937	9535	2024	33997	5443	67084	10744	73609	192	2519
1010	-	-	-	-	-	-	-	-	18	254	4	351	-	-
3582	-	-	12	25	2	12	13	368	179	679	57	410	-	-
3583	-	-	36	6	161	146	164	76	377	219	775	257	-	-
3584	-	-	-	-	-	-	44	3810	-	-	21	2941	-	-
3586	-	-	-	-	1	30	-	-	78	823	38	1020	-	-
3587	-	-	8	129	31	410	17	574	3	22	156	2129	-	-
3588	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3589	-	-	-	-	4	215	-	-	6	32	1	43	-	-
3591	-	-	-	-	59	1872	-	-	10	731	3	248	-	-
3592	-	-	1	77	12	235	1	20	30	663	86	1964	-	-
3593	-	-	-	-	-	-	-	-	-	-	2	454	-	-
3594	-	-	-	-	-	-	2	595	3	272	8	1991	-	-
3595	-	-	1	435	1	111	2	276	3	151	12	455	-	-
3596	-	-	4	490	5	161	8	546	12	654	29	2469	-	-
3597	-	-	-	-	-	-	-	-	-	-	28	3036	-	-
3598	-	-	-	-	-	-	6	74	2	736	4	100	-	-
3599	-	-	11	463	11	201	32	1356	58	1552	120	5153	-	-
FRM YTD	-	-	73	1624	277	3393	289	7695	779	6788	1344	23021	-	-
TOT YTD	101	349	1835	13473	1214	12928	2313	41692	6222	73872	12088	96630	192	2519

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1981

	CANADA		INDIA		JAPAN		TAIWAN		AUSTRALIA		ALL OTHERS	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	-	-	-	-	6	527	-	-	-	-	28	1085
3035	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	1	17	-	-	-	-	-	-
3204	-	-	-	-	485	37455	-	-	-	-	-	-
3206	-	-	-	-	66	9680	-	-	-	-	-	-
3209	-	-	-	-	169	19102	-	-	-	-	1	250
3211	-	-	1	101	155	14403	3	220	-	-	-	-
3212	2	1150	-	-	-	-	-	-	-	-	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	4	1470	-	-	-	-	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-
3219	1	50	-	-	5	746	-	-	-	-	-	-
3222	1	20	-	-	49	4684	1	59	-	-	24	2130
3223	1	157	-	-	126	2227	811	496	-	-	16	483
3228	-	-	-	-	5	170	-	-	-	-	1	20
3229	3	1977	-	-	2	32	-	-	-	-	-	-
3234	-	-	3	31	247	2567	228	918	-	-	41	419
3236	5	37	-	-	33	146	26	72	-	-	1	4
3242	4	71	-	-	19	1554	56	481	-	-	17	153
3264	-	-	-	-	59	7961	2	35	-	-	1	39
3266	-	-	-	-	1	148	85	278	-	-	10	37
3267	324	4247	-	-	73	1317	483	1429	-	-	33	340
3268	-	-	-	-	198	6520	33	144	-	-	1	21
3269	4	39	2	110	150	4176	1662	5615	-	-	52	547
3276	-	-	-	-	12	1242	-	-	-	-	-	-
3277	1	19	-	-	8	830	54	233	-	-	2	116
3281	-	-	-	-	3	1691	-	-	-	-	-	-
3283	2	871	-	-	32	2506	40	156	-	-	3	47
3507	-	-	-	-	853	56832	22	298	-	-	20	923
3509	-	-	-	-	564	51551	-	-	-	-	1	103
3511	-	-	-	-	87	10507	2	95	-	-	-	-
3512	49	693	9	94	206	3832	1291	7989	-	-	1214	9796
3513	-	-	-	-	30	878	10	243	-	-	2	65
3514	-	-	-	-	12	660	1	5	-	-	-	-
3515	-	-	-	-	53	1349	2	12	-	-	-	-
3516	-	-	-	-	11	771	10	52	-	-	-	-
3518	1	3	19	63	126	6962	135	726	-	-	15	186
3521	4	215	-	-	62	5757	14	525	-	-	2	70
3522	4	133	8	158	13[illegible]	6631	345	1712	-	-	405	3975
3527	-	-	-	-	3	11	-	-	-	-	2	263
3528	-	-	-	-	40	2577	-	-	-	-	-	-
3529	4	12	-	-	56	719	70	294	-	-	9	76
3533	-	-	-	-	5	132	-	-	-	-	4	20
3539	1	19	-	-	8	383	1	66	-	-	-	-
3541	-	-	-	-	69	950	18	67	-	-	136	1902
3543	5	40	-	-	227	4286	111	535	-	-	72	1070
3546	-	-	-	-	3	219	-	-	-	-	-	-
3554	-	-	1	14	50	1889	28	196	-	-	10	108
3556	-	-	-	-	19	694	2	10	-	-	-	-
3558	1	12	-	-	20	828	18	122	-	-	-	-
3559	13	1320	-	-	36	1385	91	491	1	5	6	69
3562	-	-	-	-	127	7724	-	-	-	-	-	-
3564	1	3	-	-	50	3254	1	9	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	-	-
3571	9	263	-	-	17	137	6	27	-	-	-	-
3576	-	-	-	-	6	164	-	-	-	-	-	-
3577	6	39	-	-	167	2492	44	205	-	-	2	13
3578	-	-	-	-	-	-	2	16	-	-	-	-
3579	28	1036	8	144	56	1246	12	47	-	-	5	140
4000	63	708	-	-	63	768	24	42	2	66	21	194
5000	1275	379	39	29	29878	3837	325660	21772	-	-	640	435
CUT YTD	1812	13515	90	744	34944	300595	331404	45688	3	70	2797	25096
1010	25	678	-	-	8	542	-	-	-	-	-	-
3582	14	66	-	-	11	58	1	1	-	-	-	-
3583	1293	219	41	20	2862	621	1986	172	12	13	93	83
3584	-	-	-	-	72	7454	-	-	-	-	-	-
3586	13	387	2	10	147	2448	4	11	-	-	26	408
3587	16	361	-	-	75	1338	-	-	-	-	-	-
3588	4	253	-	-	2	183	-	-	-	-	-	-
3589	63	1192	-	-	110	1301	-	-	-	-	14	264
3591	1	8	2	58	-	-	-	-	-	-	1	4
3592	121	998	-	-	62	1245	-	-	-	-	3	171
3593	-	-	-	-	6	777	-	-	-	-	-	-
3594	16	451	2	14	35	2486	-	-	-	-	1	23
3595	8	137	-	-	6	82	1	12	-	-	1	327
3596	23	331	-	-	63	4851	-	-	-	-	4	400
3597	1	14	-	-	57	2613	-	-	-	-	2	33
3598	1	4	1	17	5	194	-	-	-	-	-	-
3599	134	2598	-	-	48	1808	-	-	-	-	1	31
FRM YTD	1733	7697	48	118	3569	28001	1992	196	12	13	146	1745
TOT YTD	3545	21212	138	862	38513	328596	333396	45884	15	83	2943	26841

JANUARY - JUNE 1981 - U.S. IMPORTS OF MACHINE TOOLS
Total and Countries of Origin

The following is a breakdown of the activity by country which is included in the ALL OTHER column on page 4.

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
EUROPE						
AZORES	-	-	-	-	-	-
BULGARIA	102	545	-	-	102	545
CYPRUS	-	-	-	-	-	-
FINLAND	149	36	20	5	169	41
GREECE	20	88	-	-	20	88
HUNGARY	19	743	-	-	19	743
ICELAND	-	-	-	-	-	-
IRELAND	5	41	-	-	5	41
ROMANIA	237	4004	1	15	238	4019
USSR	5	36	-	-	5	36
GIBRALTAR	-	-	-	-	-	-
TOTAL	537	5492	21	20	558	5512
OTHER N.&C.AM						
BAHAMAS	-	-	-	-	-	-
BARBADOS	-	-	-	-	-	-
BELIZE	-	-	-	-	-	-
BERMUDA	-	-	-	-	-	-
CAYMAN	-	-	-	-	-	-
COSTA RICA	-	-	-	-	-	-
DOMINICAN REP.	-	-	-	-	-	-
FR. W. INDIES	-	-	-	-	-	-
GUATEMALA	-	-	-	-	-	-
HAITI	8	1	-	-	8	1
HONDURAS	-	-	-	-	-	-
JAMAICA	-	-	-	-	-	-
LW & WW IS.	-	-	-	-	-	-
MEXICO	9	5	12	723	21	728
NICARAGUA	-	-	-	-	-	-
N. ANTILLES	-	-	-	-	-	-
PANAMA	-	-	-	-	-	-
SALVADOR	1	2	1	1	2	2
TRINIDAD	-	-	-	-	-	-
TOTAL	18	7	13	724	31	731
OTHER S. AMER						
ARGENTINA	7	280	2	1	9	280
BOLIVIA	-	-	-	-	-	-
BRAZIL	146	3582	24	68	170	3650
CHILE	-	-	-	-	-	-
COLOMBIA	-	-	-	-	-	-
ECUADOR	-	-	-	-	-	-
FRENCH GUIANA	-	-	-	-	-	-
GUYANA	-	-	-	-	-	-
PARAGUAY	-	-	-	-	-	-
PERU	-	-	-	-	-	-
SURINAM	-	-	-	-	-	-
URUGUAY	-	-	-	-	-	-
VENEZUELA	-	-	-	-	-	-
TOTAL	153	3862	26	69	179	3931
OTHER ASIA						
AFGHANISTAN	-	-	-	-	-	-
ADEN	-	-	-	-	-	-
ARAB EMIRATES	-	-	-	-	-	-
BAHRAIN	-	-	-	-	-	-
BANGLADASH	-	-	-	-	-	-
BRUNEI	-	-	-	-	-	-
BURMA	-	-	-	-	-	-
CHINA	242	1188	-	-	242	1188
GAZA STRIP	-	-	-	-	-	-
HONG KONG	229	129	1	2	230	131
INDONESIA	-	-	-	-	-	-
IRAN	-	-	-	-	-	-
IRAQ	-	-	-	-	-	-
ISRAEL	3	70	35	703	38	773
JORDAN	-	-	-	-	-	-
KOREAN REP.	935	6987	4	16	939	7003
KUWAIT	-	-	-	-	-	-
LEBANON	-	-	-	-	-	-
MALAYSIA	2	4	-	-	2	4
NEPAL	-	-	-	-	-	-
OMAN	-	-	-	-	-	-
PAKISTAN	-	-	-	-	-	-
PHILLIPINES	-	-	-	-	-	-
QATAR	-	-	-	-	-	-
SAUDI ARABIA	-	-	-	-	-	-
SINGAPORE	675	7352	42	41	717	7393
SRI LANKA	-	-	-	-	-	-
SYRIA	-	-	1	1	1	1
THAILAND	-	-	-	-	-	-
TURKEY	-	-	-	-	-	-
YEMEN	-	-	-	-	-	-
TOTAL	2086	15731	83	763	2169	16494

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER OCEANIA						
FR. PAC. IS.	-	-	-	-	-	-
NEW GUINEA	-	-	-	-	-	-
NEW ZEALAND	-	-	1	165	1	16[illegible]
TERR. PAC. IS.	-	-	-	-	-	-
OTH. PAC. IS.	-	-	-	-	-	-
TOTAL	-	-	1	165	1	16[illegible]
OTHER AFRICA						
BOTSWANA	-	-	-	-	-	-
ALGERIA	1	1	-	-	1	
ANGOLA	-	-	-	-	-	-
BENIN	-	-	-	-	-	-
CAMEROON	-	-	-	-	-	-
CANARY ISLANDS	-	-	-	-	-	-
DAHOMEY	-	-	-	-	-	-
EGYPT	-	-	-	-	-	-
ETHIOPIA	-	-	-	-	-	-
GABON	-	-	-	-	-	-
GHANA	-	-	-	-	-	-
GUINEA	-	-	-	-	-	-
KENYA	-	-	-	-	-	-
LESOTHO	-	-	-	-	-	-
LIBERIA	-	-	-	-	-	-
LIBYA	-	-	-	-	-	-
MALAWI	-	-	-	-	-	-
MAURITANIA	-	-	-	-	-	-
MOROCCO	-	-	-	-	-	-
MOZAMBIQUE	-	-	-	-	-	-
NIGER	-	-	-	-	-	-
NIGERIA	-	-	-	-	-	-
REP. S. AFRICA	1	1	2	4	3	
RWANDA	-	-	-	-	-	-
SENEGAL	-	-	-	-	-	-
SIERRA LEONE	-	-	-	-	-	-
SOMALIA	-	-	-	-	-	-
S. W. AFRICA	-	-	-	-	-	-
SUDAN	-	-	-	-	-	-
SWAZILAND	-	-	-	-	-	-
TANZANIA	-	-	-	-	-	-
TUNISIA	-	-	-	-	-	-
ZIMBABWE	-	-	-	-	-	-
WEST AFRICA	-	-	-	-	-	-
ZAIRE	-	-	-	-	-	-
TOTAL	2	2	2	4	4	

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REPORT
October 19, 1981

U. S. FOREIGN TRADE IN MACHINE TOOLS JULY 1981

U.S. foreign trade in machine tools during July produced a trade deficit of $27.4 million for the month, bringing the trade deficit for seven months of 1981 to $173.8 million. Compared to June 1981, U.S. imports rose 16% while exports declined 8%. Year-to-date machine tool exports of $674.2 million were 55% ahead of the same period last year as U.S. imports of $848.0 million have risen 16% over the first seven months of 1981.

U.S. Machine Tool Trade ($Mil.)

July 1981	Exports	Imports	Surplus (Deficit)
Metal Cutting	$ 64.7	$ 106.5	($ 41.8)
Metal Forming	$ 28.4	$ 14.0	$ 14.4
Total	$ 93.1	$ 120.5	($ 27.4)
7 Mos. 1981			
Metal Cutting	$484.0	$ 739.6	($255.6)
Metal Forming	$190.2	$ 108.4	$ 81.8
Total	$674.2	$ 848.0	($173.8)

U.S. EXPORTS of metal cutting machine tools during July were off 6% from the June total as metal forming types dropped 12% during July. Compared to the first seven months of 1980, exports of metal cutting and metal forming machine tools increased 78% and 17% respectively. For January through July 1981, the leading export markets were (in millions): Mexico ($176.6), Canada ($169.0), Japan ($34.9), the United Kingdom ($33.5) and West Germany ($21.6).

Compared to June, U.S. IMPORTS of metal cutting machine tools increased 16%, and metal forming imports rose 14%. The year-to-date total for metal cutting types is 24% above

national machine tool builders' association
7901 WESTPARK DRIVE
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AREA CODE (703) 893-2800
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the first seven months of 1980, exceeding U.S. metal cutting exports by $255.6 million. Imports of metal forming types for the year-to-date fell 21% from the same period last year. Leading exporters of machine tools to the U.S. during the first seven months of 1981 were (in millions): Japan ($378.5), West Germany ($112.9), the United Kingdom ($87.0), Taiwan ($54.3) and Switzerland ($48.9).

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06

RELEASED: OCTOBER 19,1981

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JULY 1981

Code	Type	TOTAL YTD UNITS	TOTAL YTD $000	TOTAL MO. UNITS	TOTAL MO. $000	AUSTRIA UNITS	AUSTRIA $000	BELGIUM UNITS	BELGIUM $000
674:	METAL CUTTING								
3025	Gear Hobbers	108	11320	12	1421	-	-	-	-
3035	Gear Shapers	10	1512	2	429	-	-	-	-
3045	Gear Cutting Machines, N.E.C.	10	1627	-	-	-	-	-	-
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26'' or Less	573	44560	88	7104	-	-	-	-
3206	Vertical Mach. Ctrs. ATC, NC, Y-axis Travel Over 26''	74	10502	5	628	-	-	-	-
3209	Horizontal Machining Centers, ATC, NC	220	25483	46	4253	-	-	-	-
3211	Machining Centers, NC, N.E.C.	200	19855	37	3468	-	-	-	-
3212	Single Station and Multi-Station Transfer Machines	23	4539	9	1158	-	-	-	-
3213	Way Type Machines (Unit Heads)	-	-	-	-	-	-	-	-
3217	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	9	2709	-	-	-	-	-	-
3218	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	-	-	-	-	-	-	-	-
3219	Vertical Boring-Drilling-Milling Machines,NC	20	3317	-	-	-	-	-	-
3222	Horiz. Boring-Drilling-Milling Machines,non-NC	129	12020	23	1969	-	-	-	-
3223	Vertical Boring-Drilling-Milling Machines,non-NC	1137	10934	118	2776	-	-	-	-
3228	Drilling Machines,NC	11	598	3	109	-	-	-	-
3229	Drilling Machines, Multi-Spindle, non-NC	28	3216	5	516	-	-	-	-
3234	Drilling Machines, Radial, non-NC	842	6740	168	1271	-	-	-	-
3236	Drilling Machines, Upright, Single Spindle, non-NC	166	951	35	161	-	-	-	-
3242	Drilling Machines, non-NC, N.E.C.	239	4794	37	522	-	-	-	-
3264	Milling Machines, NC	243	18070	25	1414	-	-	-	-
3266	Milling Machines, Profiling, Dupl. & Die Sinking, non-NC	215	3346	60	354	-	-	-	-
3267	Milling Machines, Knee Type, non-NC	2530	18365	374	2901	-	-	-	-
3268	Milling Machines, Bed Type, non-NC	335	9684	46	896	-	-	-	-
3269	Milling Machines, non-NC, N.E.C.	2673	25282	466	3240	-	-	-	-
3276	Vertical Boring Machines, incl. VTL's, NC	21	2727	-	-	-	-	-	-
3277	Vertical Boring Machines, incl. VTL's, non-NC	127	4625	3	258	-	-	-	-
3281	Boring Machines, NC, N.E.C.	11	4056	2	583	-	-	-	-
3283	Boring Machines, non-NC, N.E.C.	209	10138	25	1323	-	-	-	-
3507	Horizontal Lathes, NC, Less Than 25 HP	1134	73067	150	9077	-	-	-	-
3509	Horizontal Lathes, NC, 25-50 HP	705	65266	110	10659	-	-	-	-
3511	Horizontal Lathes, NC, Over 50 HP	144	18527	23	3208	-	-	-	-
3512	Horizontal Engine & Toolroom Lathes, non-NC	4575	42363	646	6121	-	-	-	-
3513	Automatic Chucking Lathes, Single Spindle, non-NC	75	4053	23	1386	-	-	-	-
3514	Automatic Chucking Lathes, Multi-Spindle, non-NC	40	5638	11	1554	-	-	-	-
3515	Automatic Bar Machines, Single Spindle, non-NC	208	4664	37	807	-	-	-	-
3516	Automatic Bar Machines, Multi-Spindle, non-NC	91	.7934	11	1886	-	-	-	-
3518	Horizontal Lathes, non-NC, N.E.C.	437	13965	66	2009	-	-	-	-
3521	Vertical Lathes, excl. VTL's, NC	135	13543	13	973	-	-	-	-
3522	Vertical Lathes, excl. VTL's, non-NC	1440	26944	198	3302	-	-	-	-
3527	Gear Tooth Grinding & Finishing Machines	71	6785	15	1536	-	-	-	-
3528	Tool & Cutter Grinding Machines, NC	72	5128	13	1248	-	-	-	-
3529	Tool & Cutter Grinding Machines, non-NC	697	11239	160	1920	-	-	-	-
3533	Honing & Lapping Machines	112	6018	16	1306	-	-	-	-
3539	Grinding Machines, Flat Surface, NC	26	2488	-	-	-	-	-	-
3541	Grinding Machines, Flat Surface Reciprocating Table,non-NC	350	7136	46	854	-	-	-	-
3543	Grinding Machines, Flat Surface, non-NC, N.E.C.	783	16537	88	1424	-	-	-	-
3546	Grinding & Polishing Machines, NC, N.E.C.	16	1886	2	422	-	-	-	-
3554	External Grinding Machines, non-NC	373	16551	61	1799	-	-	8	382
3556	Internal Grinding Machines, non-NC	52	2797	11	372	-	-	-	-
3558	Grinding, Polishing & Buffing Machines, non-NC, N.E.C.	120	4242	16	300	-	-	-	-
3559	Grinding Machines, non-NC, N.E.C.	534	12298	84	1336	-	-	-	-
3562	Traveling Wire Electrical Discharge Machines	207	12249	20	833	-	-	-	-
3564	All Other Electrical Discharge Machines	103	5145	4	124	-	-	-	-
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	86	3210	22	849	-	-	22	849
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, non-NC	58	1101	8	134	-	-	2	11
3576	Metal Cutting Machine Tools, NC, N.E.C.	23	1727	6	1154	-	-	-	-
3577	Sawing & Cut-off Machines, non-NC	731	8324	76	1013	-	-	-	-
3578	Broaching Machines, non-NC	46	4198	16	723	-	-	-	-
3579	Metal Cutting Machine Tools, non-NC, N.E.C.	407	9650	63	1065	-	-	-	-
4000	Metal Cutting Machine Tools, Used or Rebuilt*	2550	25512	421	4374	-	-	8	71
5000	Metal Cutting Machine Tools Less Than $2500-	436565	38337	60404	5978	-	-	3	3
	TOTAL CUTTING			64431	106511	-	-	43	1316
	TOTAL CUTTING YTD	463129	739563			634	891	294	5821
674:	METAL FORMING								
1010	Die Casting Machines	102	2630	22	409	-	-	-	-
3582	Metal Forming Machine Tools, Used or Rebuilt	425	3157	103	772	-	-	-	-
3583	Metal Forming Machine Tools, Less Than $2500	9300	2298	851	236	-	-	-	-
3584	Punching & Shearing Machines, incl. Combination, NC	155	17599	14	2550	-	-	-	-
3586	Shearing Machines, non-NC	421	6964	53	769	-	-	-	-
3587	Punching & Combination Punching & Shearing Machines, non-NC	391	5876	38	630	-	-	-	-
3588	Bending, Folding, Straightening & Flattening Machines, NC	13	1199	5	394	-	-	1	233
3589	Press Brakes, non-NC	247	4102	26	438	-	-	-	-
3591	Bending Rolls, Ram & Press Bending Machines, non-NC	134	3987	15	272	-	-	-	-
3592	Bending,Folding,Str. & Flattening Machines, non-NC, N.E.C.	571	9362	103	1995	-	-	-	-
3593	Metal Forming Machine Tools, NC, N.E.C.	12	1635	3	345	-	-	-	-
3594	Mechanical Presses, non-NC	80	6326	7	311	-	-	-	-
3595	Hydraulic Presses, Vertical, Single Action, non-NC	56	2789	3	14	-	-	-	-
3596	Hydraulic & Pneumatic Presses, non-NC, N.E.C.	186	13091	14	1353	-	-	-	-
3597	Headers & Upsetters, non-NC	109	7400	11	1102	-	-	-	-
3598	Forging Machines, non-NC, N.E.C.	22	1253	3	129	-	-	-	-
3599	Metal Forming Machine Tools, non-NC, N.E.C.	582	18723	46	2284	-	-	-	-
	TOTAL FORMING			1317	14007	-	-	1	239
	TOTAL FORMING YTD	12806	108416			2	101	77	4607
	TOTAL ALL TYPES			65748	120518	-	-	44	1556
	TOTAL ALL TYPES YTD	475935	847979			636	992	371	10428

Source: U.S. Department of Commerce, Census Report No. IM146; National Machine Tool Builders' Association.

NOTES: 1) a/Dollar amount less than $500; 2) N.E.C. - Not Elsewhere Classified; 3) Individual items may not add to totals due to roundin

4) Machine tool imports, as reflected in the government statistics, are actually undervalued since they reflect values in the country of origin and do not include ocean freight, insurance, dealer's commission or import duties.

5) Beginning in January 1980, foreign trade data for die casting machines are included in the metal forming total. U.S. die casting imports are not available for previous years.

*Code 6744000 shown above represents combined data from codes 674:3015,3215,3224,3261,3272,3502,3524 & 3573.

Code 6745000 shown above represents combined data from codes 674:3227,3262,3273,3503,3526 & 3574.

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JULY 1961

	CZECHO.		DENMARK		E. GERMANY		FRANCE		ITALY		NETHERLANDS		NORWAY	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	-	-	-	-	1	29	-	-	-	-	-	-	-	-
3035	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3212	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3222	2	35	-	-	-	-	-	-	-	-	-	-	-	-
3223	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3226	-	-	-	-	-	-	1	73	-	-	-	-	-	-
3229	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3234	1	16	-	-	-	-	-	-	2	30	-	-	-	-
3236	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3242	-	-	-	-	-	-	-	-	2	128	-	-	-	-
3264	-	-	-	-	-	-	2	63	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	1	7	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	3	123	-	-	-	-
3269	-	-	-	-	-	-	3	77	4	361	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	3	258	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3282	-	-	2	37	-	-	-	-	5	78	-	-	-	-
3507	-	-	-	-	-	-	18	999	-	-	-	-	-	-
3509	-	-	-	-	-	-	5	338	1	122	-	-	-	-
3511	-	-	-	-	-	-	-	-	1	18	-	-	-	-
3512	8	47	-	-	-	-	2	29	11	242	-	-	-	-
3513	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3514	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3521	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3522	2	9	-	-	1	64	1	68	2	191	-	-	-	-
3527	-	-	-	-	1	115	-	-	-	-	1	16	-	-
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	7	38	-	-	-	-	1	204	1	8	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3539	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3543	-	-	1	24	-	-	-	-	6	114	-	-	-	-
3546	-	-	-	-	-	-	-	-	-	-	1	17	-	-
3554	1	9	-	-	-	-	-	-	5	190	-	-	-	-
3556	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3558	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	29	509	-	-	-	-
3562	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3564	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3571	-	-	-	-	-	-	-	-	1	43	-	-	-	-
3576	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3577	-	-	-	-	-	-	2	110	4	74	-	-	-	-
3578	-	-	-	-	-	-	-	-	1	32	-	-	-	-
3579	-	-	-	-	-	-	5	22	18	152	-	-	-	-
4000	3	64	-	-	4	19	14	74	18	172	2	27	-	-
5000	-	-	36	25	5	3	52	47	477	107	10	15	6	2
CUT MO	18	187	46	124	12	229	105	1899	594	3145	15	79	6	2
CUT YTD	311	3159	476	1008	81	1882	1745	11785	2851	21359	396	2439	18	63
1010	-	-	-	-	-	-	-	-	1	42	-	-	-	-
3582	-	-	-	-	-	-	-	-	42	435	-	-	-	-
3583	-	-	3	5	-	-	9	10	9	3	-	-	-	-
3584	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3586	-	-	-	-	-	-	-	-	1	9	3	74	-	-
3587	-	-	1	3	-	-	-	-	2	29	-	-	-	-
3588	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3591	-	-	-	-	-	-	-	-	4	49	-	-	-	-
3592	-	-	-	-	-	-	-	-	22	225	-	-	-	-
3593	-	-	-	-	-	-	-	-	1	131	-	-	-	-
3594	-	-	-	-	-	-	-	-	1	20	-	-	-	-
3595	-	-	-	-	-	-	-	-	2	10	-	-	-	-
3596	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3597	-	-	-	-	-	-	-	-	1	55	-	-	-	-
3598	-	-	-	-	-	-	-	-	1	18	-	-	-	-
3599	-	-	-	-	-	-	7	471	2	33	-	-	1	51
FRM MO.	-	-	4	7	-	-	16	480	89	1059	3	74	1	51
FRM YTD	-	-	70	1146	2	11	320	2155	841	7429	20	267	7	285
TOT MO.	18	187	50	131	12	229	121	2380	683	4204	18	153	7	53
TOT YTD	311	3155	546	2154	83	1894	2065	13940	3692	28789	416	2706	25	347

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JULY 1981

674	POLAND UNITS	POLAND $000	PORTUGAL UNITS	PORTUGAL $000	SPAIN UNITS	SPAIN $000	SWEDEN UNITS	SWEDEN $000	SWITZERLAND UNITS	SWITZERLAND $000	U. KINGDOM UNITS	U. KINGDOM $000	W. GERMANY UNITS	W. GERMANY $000
3025	-	-	-	-	-	-	-	-	3	47	1	468	5	713
3035	-	-	-	-	-	-	-	-	-	-	1	104	1	326
3049	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3212	-	-	-	-	-	-	-	-	5	487	-	-	2	272
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3222	4	445	-	-	1	33	-	-	-	-	-	-	1	17
3223	2	389	-	-	-	-	-	-	8	1496	2	203	1	23
3226	-	-	-	-	2	35	-	-	-	-	-	-	-	-
3233	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3234	-	-	-	-	-	-	-	-	-	-	1	30	8	147
3239	-	-	-	-	10	27	11	72	1	9	-	-	10	44
3249	-	-	-	-	16	105	-	-	1	12	1	1	4	179
3254	-	-	-	-	-	-	-	-	-	-	10	517	1	78
3264	-	-	-	-	-	-	-	-	2	50	-	-	7	86
3267	19	278	-	-	177	895	1	44	-	-	64	347	1	94
3268	-	-	-	-	-	-	-	-	-	-	-	-	1	42
3269	-	-	-	-	19	171	2	65	4	293	7	70	6	123
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	1	531	-	-
3283	-	-	-	-	2	177	-	-	1	95	3	435	1	41
3507	-	-	-	-	-	-	-	-	1	66	1	104	2	172
3509	-	-	-	-	-	-	2	119	-	-	1	136	1	152
3511	-	-	-	-	-	-	8	1011	-	-	-	-	5	1097
3512	47	1078	-	-	19	249	1	18	4	29	52	473	44	288
3513	-	-	-	-	-	-	-	-	-	-	-	-	3	617
3514	-	-	-	-	-	-	-	-	-	-	-	-	10	1490
3515	-	-	-	-	-	-	-	-	7	233	10	65	3	95
3516	-	-	-	-	-	-	-	-	-	-	8	1139	2	458
3518	-	-	-	-	-	-	-	-	3	126	7	596	-	-
3521	-	-	-	-	-	-	-	-	-	-	1	123	1	61
3522	-	-	-	-	1	43	-	-	-	-	20	647	3	116
3527	-	-	-	-	-	-	-	-	6	794	5	232	2	380
3528	-	-	-	-	-	-	-	-	-	-	-	-	2	453
3529	-	-	-	-	-	-	-	-	13	166	41	676	62	649
3533	-	-	-	-	-	-	-	-	2	120	8	125	5	1058
3539	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	1	6
3543	1	12	-	-	7	25	-	-	2	98	2	73	7	378
3546	-	-	-	-	-	-	-	-	-	-	-	-	1	405
3549	-	-	-	-	-	-	-	-	5	287	9	419	17	215
3554	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3558	-	-	-	-	-	-	1	4	3	24	-	-	10	102
3559	-	-	-	-	5	19	1	21	5	103	5	92	10	194
3562	-	-	-	-	-	-	-	-	13	535	-	-	-	-
3564	-	-	-	-	-	-	-	-	1	6	1	28	-	-
3567	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3571	-	-	-	-	-	-	1	11	-	-	2	56	1	9
3576	-	-	-	-	-	-	-	-	2	122	-	-	4	1033
3577	-	-	-	-	-	-	-	-	-	-	1	14	33	452
3578	-	-	-	-	-	-	-	-	-	-	-	-	15	691
3579	-	-	-	-	-	-	-	-	-	-	18	148	9	258
4000	-	-	-	-	3	16	9	65	24	74	217	2132	57	1000
5000	-	-	66	71	37	49	93	117	57	13	298	154	283	103
CUT NO.	73	2202	66	71	299	1844	131	1547	173	5285	798	10135	642	14118
CUT YTD	551	9118	167	420	2061	13692	1068	11083	2197	39282	6241	77219	11366	87727
1010	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	1	1	1	59	38	128	3	29
3583	-	-	-	-	-	-	25	46	3	1	49	34	122	41
3584	-	-	-	-	-	-	-	-	5	765	1	932	1	107
3586	-	-	-	-	-	-	-	-	1	17	11	152	8	47
3587	-	-	-	-	-	-	3	116	-	-	-	-	23	336
3588	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3591	-	-	-	-	-	-	2	105	-	-	1	16	6	35
3592	-	-	-	-	-	-	1	5	2	61	13	968	16	105
3593	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3594	-	-	-	-	-	-	1	5	-	-	1	145	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3596	-	-	-	-	-	-	-	-	4	985	1	64	1	25
3597	-	-	-	-	-	-	-	-	-	-	2	443	2	325
3598	-	-	-	-	-	-	-	-	-	-	-	-	1	56
3599	-	-	-	-	1	14	1	14	-	-	8	103	7	1052
FRM NO.	-	-	-	-	1	14	34	291	16	1889	125	2984	190	2146
FRM YTD	2	9	-	-	74	1638	311	3684	305	9585	904	9772	1534	25167
TOT NO.	73	2202	66	71	300	1858	165	1839	189	7174	923	13119	832	16264
TOT YTD	553	9127	167	420	2135	15331	1379	14767	2502	48867	7145	86991	12920	112894

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JULY 1981

	YUGOSLAVIA		CANADA		INDIA		JAPAN		TAIWAN		AUSTRALIA		ALL OTHERS	
674-	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	-	-	-	-	-	-	2	165	-	-	-	-	-	-
3035	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	88	7104	-	-	-	-	-	-
3206	-	-	-	-	-	-	5	628	-	-	-	-	-	-
3209	-	-	-	-	-	-	45	4003	-	-	-	-	1	250
3211	-	-	-	-	-	-	35	3318	2	150	-	-	-	-
3212	-	-	1	334	-	-	1	65	-	-	-	-	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3222	-	-	-	-	-	-	9	767	-	-	-	-	6	671
3223	-	-	-	-	-	-	3	441	100	63	-	-	2	161
3228	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3229	-	-	1	434	-	-	-	-	-	-	-	-	3	51
3234	-	-	1	7	-	-	64	605	41	158	-	-	51	308
3236	-	-	1	5	-	-	-	-	1	3	-	-	-	-
3242	-	-	-	-	-	-	-	-	3	14	-	-	10	84
3264	-	-	-	-	-	-	11	716	-	-	-	-	1	39
3266	-	-	-	-	-	-	-	-	1	5	-	-	50	213
3267	-	-	61	835	-	-	4	101	12	74	-	-	34	226
3268	-	-	-	-	-	-	30	678	14	52	-	-	-	-
3269	4	17	1	21	-	-	28	714	304	1308	-	-	4	21
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	1	52	-	-	-	-	-	-
3283	-	-	1	209	-	-	4	205	[illegible]	16	-	-	1	30
3507	-	-	-	-	-	-	128	7735	-	-	-	-	-	-
3509	-	-	-	-	-	-	100	9792	-	-	-	-	-	-
3511	-	-	-	-	-	-	9	1083	-	-	-	-	-	-
3512	16	138	17	211	-	-	33	720	194	951	-	-	198	1649
3513	-	-	-	-	-	-	10	574	10	196	-	-	-	-
3514	-	-	-	-	-	-	1	64	-	-	-	-	-	-
3515	-	-	-	-	-	-	10	321	2	8	-	-	5	85
3516	-	-	-	-	-	-	1	290	-	-	-	-	-	-
3518	-	-	1	12	8	20	14	1009	24	163	-	-	9	83
3521	-	-	6	481	-	-	3	211	2	96	-	-	-	-
3522	-	-	1	3	-	-	22	1435	95	472	-	-	50	253
3527	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3528	-	-	-	-	-	-	11	795	-	-	-	-	-	-
3529	-	-	1	7	-	-	9	35	16	67	-	-	9	74
3533	-	-	-	-	-	-	1	3	-	-	-	-	-	-
3539	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	1	19	-	-	34	675	-	-	-	-	10	154
3543	-	-	-	-	-	-	37	574	25	127	-	-	-	-
3546	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3554	-	-	-	-	-	-	5	196	9	72	-	-	2	31
3556	-	-	-	-	-	-	11	372	-	-	-	-	-	-
3558	-	-	-	-	-	-	1	141	-	-	-	-	1	29
3559	11	189	1	91	-	-	3	52	14	67	-	-	-	-
3562	-	-	-	-	-	-	7	298	-	-	-	-	-	-
3564	-	-	-	-	-	-	2	91	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3571	-	-	-	-	-	-	1	8	-	-	-	-	-	-
3576	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3577	-	-	-	-	-	-	23	308	13	54	-	-	-	-
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3579	-	-	7	331	-	-	3	79	2	5	-	-	1	70
4000	1	1	38	476	-	-	7	163	11	13	-	-	5	9
5000	-	-	131	76	2	4	5250	702	52918	4258	-	-	680	232
CUT MO	32	345	271	3550	10	24	6066	47284	53898	8390	-	-	1133	4723
CUT YTD	224	2863	2083	17065	100	768	41010	347879	385302	54078	3	70	3930	29819
1010	-	-	6	322	-	-	15	45	-	-	-	-	-	-
3582	-	-	13	68	-	-	5	52	-	-	-	-	-	-
3583	-	-	442	28	-	-	89	62	92	6	-	-	8	1
3584	-	-	-	-	-	-	7	746	-	-	-	-	-	-
3586	-	-	6	186	-	-	14	207	-	-	-	-	9	78
3587	-	-	3	61	-	-	5	85	-	-	-	-	-	-
3588	-	-	3	63	-	-	1	92	-	-	-	-	-	-
3589	-	-	7	178	-	-	17	199	-	-	-	-	2	61
3591	-	-	2	78	-	-	-	-	-	-	-	-	-	-
3592	-	-	31	365	-	-	18	267	-	-	-	-	-	-
3593	-	-	-	-	-	-	2	214	-	-	-	-	-	-
3594	-	-	3	75	-	-	1	66	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	1	4
3596	-	-	2	96	-	-	6	182	-	-	-	-	-	-
3597	-	-	-	-	-	-	6	279	-	-	-	-	-	-
3598	-	-	1	55	-	-	-	-	-	-	-	-	-	-
3599	-	-	15	409	-	-	2	126	-	-	-	-	2	11
FRM MO.	-	-	534	1984	-	-	189	2623	92	6	-	-	22	154
FRM YTD	-	-	2267	9681	48	118	3758	30623	2084	202	12	13	168	1899
TOT MO.	32	345	805	5534	10	24	6255	49906	53990	8396	-	-	1155	4877
TOT YTD	224	2863	4350	26746	148	886	44768	378502	387386	54280	15	83	4098	31718

JULY 1981 - U.S. IMPORTS OF MACHINE TOOLS

Total and Countries of Destination

The following is a breakdown of the activity by country which is included in the ALL OTHER column.

	METAL CUTTING UNITS	METAL CUTTING $000	METAL FORMING UNITS	METAL FORMING $000	TOTAL UNITS	TOTAL $000
EUROPE						
AZORES	-	-	-	-	-	-
BULGARIA	21	53	-	-	21	53
CYPRUS	-	-	-	-	-	-
FINLAND	42	10	-	-	42	10
GREECE	-	-	-	-	-	-
HUNGARY	15	190	2	10	17	201
ICELAND	-	-	-	-	-	-
IRELAND	-	-	1	8	1	8
ROMANIA	17	516	-	-	17	516
USSR	1	70	-	-	1	70
GIBRALTAR	-	-	-	-	-	-
TOTAL	96	840	3	18	99	858
OTHER N.&C.AM						
BAHAMAS	-	-	-	-	-	-
BARBADOS	-	-	-	-	-	-
BELIZE	-	-	-	-	-	-
BERMUDA	-	-	-	-	-	-
CAYMAN	-	-	-	-	-	-
COSTA RICA	-	-	-	-	-	-
DOMINICAN REP.	-	-	-	-	-	-
FR. W. INDIES	-	-	-	-	-	-
GUATEMALA	-	-	-	-	-	-
HAITI	-	-	-	-	-	-
HONDURAS	-	-	-	-	-	-
JAMAICA	-	-	-	-	-	-
LW & WW IS.	-	-	-	-	-	-
MEXICO	1	41	9	5	10	46
NICARAGUA	-	-	-	-	-	-
N. ANTILLES	-	-	-	-	-	-
PANAMA	-	-	-	-	-	-
SALVADOR	-	-	-	-	-	-
TRINIDAD	-	-	-	-	-	-
TOTAL	1	41	9	5	10	46
OTHER S. AMER						
ARGENTINA	519	7	-	-	519	7
BOLIVIA	-	-	-	-	-	-
BRAZIL	39	939	5	26	44	966
CHILE	-	-	-	-	-	-
COLOMBIA	-	-	1	3	1	3
ECUADOR	-	-	-	-	-	-
FRENCH GUIANA	-	-	-	-	-	-
GUYANA	-	-	-	-	-	-
PARAGUAY	-	-	-	-	-	-
PERU	-	-	-	-	-	-
SURINAM	-	-	-	-	-	-
URUGUAY	-	-	-	-	-	-
VENEZUELA	-	-	-	-	-	-
TOTAL	558	946	6	29	564	975
OTHER ASIA						
AFGHANISTAN	-	-	-	-	-	-
ADEN	-	-	-	-	-	-
ARAB EMIRATES	-	-	-	-	-	-
BAHRAIN	-	-	-	-	-	-
BANGLADASH	-	-	-	-	-	-
BRUNEI	-	-	-	-	-	-
BURMA	-	-	-	-	-	-
CHINA	219	815	-	-	219	815
GAZA STRIP	-	-	-	-	-	-
HONG KONG	20	83	-	-	20	83
INDONESIA	-	-	-	-	-	-
IRAN	-	-	-	-	-	-
IRAQ	-	-	-	-	-	-
ISRAEL	32	84	4	102	36	186
JORDAN	-	-	-	-	-	-
KOREAN REP.	112	859	-	-	112	859
KUWAIT	-	-	-	-	-	-
LEBANON	-	-	-	-	-	-
MALAYSIA	-	-	-	-	-	-
NEPAL	-	-	-	-	-	-
OMAN	-	-	-	-	-	-
PAKISTAN	-	-	-	-	-	-
PHILLIPINES	-	-	-	-	-	-
QATAR	-	-	-	-	-	-
SAUDI ARABIA	-	-	-	-	-	-
SINGAPORE	95	1055	-	-	95	1055
SRI LANKA	-	-	-	-	-	-
SYRIA	-	-	-	-	-	-
THAILAND	-	-	-	-	-	-
TURKEY	-	-	-	-	-	-
YEMEN	-	-	-	-	-	-
TOTAL	478	2896	4	102	482	2998

	METAL CUTTING UNITS	METAL CUTTING $000	METAL FORMING UNITS	METAL FORMING $000	TOTAL UNITS	TOTAL $000
OTHER OCEANIA						
FR. PAC. IS.	-	-	-	-	-	-
NEW GUINEA	-	-	-	-	-	-
NEW ZEALAND	-	-	-	-	-	-
TERR. PAC. IS.	-	-	-	-	-	-
OTH. PAC. IS.	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-
OTHER AFRICA						
BOTSWANA	-	-	-	-	-	-
ALGERIA	-	-	-	-	-	-
ANGOLA	-	-	-	-	-	-
BENIN	-	-	-	-	-	-
CAMEROON	-	-	-	-	-	-
CANARY ISLANDS	-	-	-	-	-	-
DAHOMEY	-	-	-	-	-	-
EGYPT	-	-	-	-	-	-
ETHIOPIA	-	-	-	-	-	-
GABON	-	-	-	-	-	-
GHANA	-	-	-	-	-	-
GUINEA	-	-	-	-	-	-
KENYA	-	-	-	-	-	-
LESOTHO	-	-	-	-	-	-
LIBERIA	-	-	-	-	-	-
LIBYA	-	-	-	-	-	-
MALAWI	-	-	-	-	-	-
MAURITANIA	-	-	-	-	-	-
MOROCCO	-	-	-	-	-	-
MOZAMBIQUE	-	-	-	-	-	-
NIGER	-	-	-	-	-	-
NIGERIA	-		-			
REP. S. AFRICA	-	-	-	-	-	-
RWANDA	-	-	-	-	-	-
SENEGAL	-	-	-	-	-	-
SIERRA LEONE	-	-	-	-	-	-
SOMALIA	-	-	-	-	-	-
S. W. AFRICA	-	-	-	-	-	-
SUDAN	-	-	-	-	-	-
SWAZILAND	-	-	-	-	-	-
TANZANIA	-	-	-	-	-	-
TUNISIA	-	-	-	-	-	-
ZIMBABWE	-	-	-	-	-	-
WEST AFRICA	-	-	-	-	-	-
ZAIRE	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-

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U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JULY 1981

RELEASED: OCTOBER 15,1981

Code	Type	TOTAL YTD UNITS	TOTAL YTD $000	TOTAL MO. UNITS	TOTAL MO. $000	AUSTRIA UNITS	AUSTRIA $000	BELGIUM UNITS	BELGIUM $000
674:	METAL CUTTING								
3020	Gear Hobbers & Shapers	143	14931	24	2512	-	-	-	-
3045	Gear Cutting Machines, N.E.C.	184	24645	33	6551	-	-	-	-
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26'' or Less	38	3543	1	176	-	-	-	-
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26''	18	4311	5	1537	-	-	-	-
3209	Horizontal Machining Centers, ATC, NC	77	18008	9	2970	-	-	-	-
3211	Machining Centers, NC, N.E.C.	86	10584	18	2689	-	-	-	-
3216	Single Station and Multi-Station Transfer Machines	171	66327	37	7089	-	-	-	-
3225	Way Type Machines (Unit Heads)	12	1628	1	423	-	-	-	-
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	15	7671	3	337	-	-	-	-
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	2	631	-	-	-	-	-	-
3247	Vertical Boring-Drilling-Milling Machines, NC	38	3383	1	46	-	-	-	-
3248	Horiz. Boring-Drilling-Milling Machines, non-NC	14	1838	2	606	-	-	-	-
3249	Vertical Boring-Drilling-Milling Machines, non-NC	459	36802	7	2465	-	-	-	-
3254	Drilling Machines, NC	17	2488	2	122	-	-	-	-
3255	Drilling Machines, Multi-Spindle, non-NC	62	4841	19	735	-	-	-	-
3256	Drilling Machines, Radial, non-NC	36	1205	1	17	-	-	-	-
3257	Drilling Machines, Upright, Single Spindle, non-NC	71	2475	8	312	-	-	-	-
3258	Drilling Machines, non-NC, N.E.C.	219	5093	74	1023	-	-	-	-
3264	Milling Machines, NC	29	11677	3	4185	-	-	-	-
3266	Milling Machines, Profiling, Dupl. & Die Sinking, non-NC	51	5278	3	135	-	-	-	-
3267	Milling Machines, Knee Type, non-NC	6	288	1	19	-	-	-	-
3268	Milling Machines, Bed Type, non-NC	13	1384	2	245	-	-	-	-
3269	Milling Machines, non-NC, N.E.C.	68	3784	3	194	-	-	-	-
3276	Vertical Boring Machines, incl. VTL's, NC	20	4203	-	-	-	-	-	-
3277	Vertical Boring Machines, incl. VTL's, non-NC	85	8920	6	1017	-	-	-	-
3281	Boring Machines, NC, N.E.C.	7	1027	-	-	-	-	-	-
3283	Boring Machines, non-NC, N.E.C.	39	2345	7	402	-	-	-	-
3504	Horizontal Lathes, NC, Less Than 25 HP	71	4953	9	549	-	-	-	-
3506	Horizontal Lathes, NC, 25-50 HP	24	4407	2	477	-	-	-	-
3508	Horizontal Lathes, NC, Over 50 HP	10	3448	3	1452	-	-	-	-
3510	Horizontal Engine & Toolroom Lathes, non-NC	139	2922	19	282	-	-	1	42
3511	Automatic Chucking Lathes, Single Spindle, non-NC	38	5672	1	30	-	-	1	30
3512	Automatic Chucking Lathes, Multi-Spindle, non-NC	31	4133	1	35	-	-	-	-
3515	Automatic Bar Machines, Single Spindle, non-NC	46	2188	3	63	-	-	-	-
3516	Automatic Bar Machines, Multi-Spindle, non-NC	63	6108	10	719	-	-	-	-
3518	Horizontal Lathes, non-NC, N.E.C.	384	12264	45	1039	-	-	-	-
3519	Vertical Lathes, excl. VTL's, NC	16	2739	3	482	-	-	-	-
3525	Vertical Lathes, excl. VTL's, non-NC	120	10967	23	2110	-	-	-	-
3528	Grinding, Polishing, Honing & Lapping Machines, NC	77	13243	4	599	-	-	-	-
3529	Gear Tooth Grinding & Finishing Machines, non-NC	77	13205	6	661	-	-	-	-
3531	Tool & Cutter Grinding Machines, non-NC	287	5476	29	484	-	-	-	-
3532	Honing & Lapping Machines, non-NC	348	6410	51	478	-	-	-	-
3533	Grinding Machines, Flat Surface Reciprocating Table, non-NC	129	2309	15	256	-	-	-	-
3538	Grinding Machines, Flat Surface, non-NC, N.E.C.	151	12966	38	2709	-	-	-	-
3541	External Grinding Machines, non-NC	72	10780	4	1069	-	-	-	-
3542	Internal Grinding Machines, non-NC	18	2022	1	40	-	-	-	-
3544	Grinding, Polishing & Buffing Machines, non-NC, N.E.C.	202	7840	20	702	-	-	-	-
3546	Grinding Machines, non-NC, N.E.C.	468	17208	41	3767	-	-	-	-
3547	Traveling Wire Electrical Discharge Machines	40	1310	13	389	-	-	-	-
3549	All Other Electrical Discharge Machines	197	2729	17	117	-	-	-	-
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	4	460	-	-	-	-	-	-
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, non-NC	25	648	1	16	-	-	-	-
3559	Metal Cutting Machine Tools, NC, N.E.C.	87	2751	6	475	-	-	-	-
3565	Sawing & Cut-off Machines, non-NC	472	7973	62	1057	-	-	-	-
3566	Broaching Machines, non-NC	201	12091	8	2399	-	-	-	-
3567	Metal Cutting Machine Tools, non-NC, N.E.C.	455	14247	58	1381	-	-	1	13
4000	Metal Cutting Machine Tools, Used or Rebuilt*	3170	28246	321	3239	1	97	-	-
5000	Metal Cutting Machine Tools, Less Than $2500*	42073	12880	7416	1307	-	-	9	1
	TOTAL CUTTING			8500	64731	1	97	12	86
	TOTAL CUTTING YTD	51485	483997			17	519	2395	821
674:	METAL FORMING								
1011	Die Casting Machines & Parts	-	8949	-	1052	-	-	-	-
3568	Metal Forming Machine Tools, Used or Rebuilt	919	11180	90	2030	-	-	-	-
3569	Metal Forming Machine Tools, Less Than $2500	5770	3911	885	581	-	-	3	4
3571	Punching & Shearing Machines, incl. Combination, NC	73	8495	5	899	-	-	-	-
3573	Shearing Machines, non-NC	89	5264	16	508	-	-	-	-
3575	Punching & Combination Punching & Shearing Machines, non-NC	616	13574	70	1346	-	-	-	-
3578	Bending, Folding, Straightening & Flattening Machines, NC	124	7379	43	1667	-	-	-	-
3582	Press Brakes, non-NC	112	4570	10	667	-	-	-	-
3583	Bending Rolls, Box & Press Bending Machines, non-NC	37	2204	4	90	-	-	-	-
3584	Bending,Folding,Str. & Flattening Machines, non-NC, N.E.C.	487	14962	78	2717	-	-	-	-
3588	Mechanical Presses, non-NC	291	19434	95	2410	-	-	-	-
3589	Hydraulic Presses, Vertical, Single Action, non-NC	75	5274	9	3139	-	-	-	-
3590	Hydraulic & Pneumatic Presses, non-NC, N.E.C.	400	27577	68	3613	-	-	-	-
3594	Headers & Upsetters, non-NC	43	4487	4	1538	-	-	-	-
3595	Forging Machines, non-NC, N.E.C.	115	9252	15	1470	-	-	-	-
3598	Metal Forming Machine Tools, non-NC, N.E.C.	807	44001	91	4656	-	-	-	-
	TOTAL FORMING			1443	28388	-	-	3	4
	TOTAL FORMING YTD	10128	190167			3	85	84	966
	TOTAL ALL TYPES			9943	93119	1	97	15	90
	TOTAL ALL TYPES YTD	61613	674164			20	1008	2479	1787

Source: U.S. Department of Commerce, Census Report No. EM522; National Machine Tool Builders' Association.

NOTES: 1) a/Dollar amount less than $500; 2) N.E.C. - Not Elsewhere Classified; 3) Individual items may not add to totals due to rounding
4) Beginning in January 1980, foreign trade data for die casting machines are included in the metal forming total.
For 1979, U.S. die casting exports were $9,584,000.

*Code 6744000 shown above represents combined data from codes 674:3015,3241,3252,3261,3272,3501,3526 & 3554.
Code 6745000 shown above represents combined data from codes 674:3243,3253,3262,3273,3502,3527 & 3557.

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JULY 1981

	DENMARK UNITS	$000	FINLAND UNITS	$000	FRANCE UNITS	$000	GREECE UNITS	$000	IRELAND UNITS	$000	ITALY UNITS	$000	NETHERLANDS UNITS	$000
674:														
3020	-	-	-	-	1	164	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	1	213	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	24	2512	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	1	97	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	2	57	-	-	-	-	-	-	-	-	1	122	-	-
3258	-	-	-	-	-	-	-	-	1	21	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	1	85	-	-	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	1	51	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	5	72	-	-	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	-	-	-	-	2	162	-	-
3528	-	-	-	-	1	227	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3532	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3538	-	-	-	-	-	-	-	-	-	-	9	284	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	-	-	-	-	-	-	-	-	1	86	-	-
3546	-	-	-	-	1	13	1	79	-	-	-	-	-	-
3547	-	-	-	-	1	3	-	-	-	-	-	-	-	-
3549	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	3	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	-	-	-	-	-	-	-	-	-	-	-	-	4	47
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	1	31	-	-	-	-	-	-	-	-
400*	-	-	-	-	1	17	-	-	-	-	1	3	-	-
9000	-	-	-	-	7	5	-	-	-	-	1	3	-	-
CUT MO.	2	57	1	213	40	3204	1	79	6	93	15	671	4	47
CUT YTD	14	489	38	1230	344	13660	22	260	596	2733	219	5950	2769	1095
1811	-	-	-	-	-	4	-	1	-	-	-	181	-	2
3568	-	-	-	-	-	-	-	-	-	-	1	33	-	-
3569	-	-	-	-	22	7	-	-	-	-	-	-	3	1
3571	-	-	-	-	-	-	-	-	1	286	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3575	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	-	-	2	74	-	-	-	-	1	45	6	239
3588	-	-	-	-	3	136	-	-	-	-	-	-	-	-
3589	-	-	-	-	-	-	-	-	2	1400	-	-	-	-
3590	-	-	-	-	-	-	-	-	4	752	1	797	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	2	111	-	-	-	-	1	30	1	62	1	20
3596	-	-	-	-	24	581	-	-	2	103	3	29	1	10
FRM MO.	-	-	2	111	51	801	-	-	10	2571	7	1146	11	272
FRM YTD	37	647	16	506	281	5845	7	1093	51	5902	103	5833	121	1772
TOT MO.	2	57	3	324	91	4005	1	80	16	2663	22	1817	15	318
TOT YTD	51	1136	54	1735	625	19504	29	1353	647	8635	322	11783	2890	2627

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U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JULY 1981

	NORWAY		POLAND		ROMANIA		SPAIN		SWEDEN		SWITZERLAND		U. KINGDOM	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3020	-	-	-	-	-	-	-	-	-	-	-	-	1	52
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	-	-	1	222	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	2	127	1	109
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	1	59
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	1	2
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	1	106
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3275	-	-	-	-	-	-	-	-	-	-	1	98	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	-	-	3	190
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	4	29	-	-
3518	-	-	-	-	-	-	-	-	-	-	-	-	1	276
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	-	-	-	-	-	-	-	-	-	-	-	-	1	8
3532	-	-	-	-	-	-	-	-	-	-	-	-	2	15
3533	-	-	-	-	-	-	-	-	-	-	-	-	1	102
3538	-	-	-	-	-	-	-	-	-	-	-	-	2	86
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	-	-	-	-	-	-	-	-	4	209	-	-
3546	-	-	-	-	-	-	-	-	-	-	8	333	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	9	11
3549	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	1	10	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	1	11
3565	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3566	-	-	-	-	-	-	-	-	-	-	-	-	4	95
3567	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5000	1	2	-	-	-	-	1	1	67	13	68	27	140	44
CUT MO.	1	2	-	-	-	-	1	1	66	235	88	832	169	1166
CUT YTD	19	209	-	-	6	972	94	1215	199	1209	426	5919	1206	21163
1011	-	24	-	-	-	-	-	1	-	1	-	-	-	76
3568	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3569	-	-	-	-	-	-	-	-	13	11	4	4	83	14
3571	-	-	-	-	-	-	-	-	-	-	-	-	1	56
3573	-	-	-	-	-	-	-	-	-	-	-	-	7	93
3575	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3578	-	-	-	-	-	-	2	111	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	-	-	-	-	1	43	1	13	-	-	3	299
3588	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3589	-	-	-	-	-	-	2	242	-	-	-	-	-	-
3590	-	-	-	-	-	-	1	227	1	9	3	114	1	42
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3598	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FRM MO.	-	-	-	-	-	-	6	623	15	34	7	118	95	581
FRM YTD	18	237	-	-	-	-	15	2261	39	1304	123	924	567	12385
TOT MO.	1	26	-	-	-	-	7	624	83	269	95	950	264	1747
TOT YTD	37	447	-	-	6	972	109	3476	238	2592	551	6843	1773	33549

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JULY 1981

	USSR		W. GERMANY		YUGOSLAVIA		CANADA		MEXICO		OTH. NAC AM		ARGENTINA	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	-	-	20	2076	-	-	-	-	-	-
3045	-	-	4	1032	-	-	2	39	2	155	1	24	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	3	908	-	-	-	-	-	-
3209	-	-	4	1058	-	-	2	880	-	-	-	-	-	-
3211	-	-	4	825	-	-	4	1016	4	479	-	-	1	83
3216	-	-	-	-	-	-	1	440	12	4117	-	-	-	-
3225	-	-	-	-	-	-	-	-	1	423	-	-	-	-
3245	-	-	-	-	-	-	1	253	2	284	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	1	46	-	-	-	-	-	-
3248	-	-	-	-	-	-	2	606	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	6	2435	-	-	-	-
3254	-	-	-	-	-	-	-	-	1	41	-	-	-	-
3255	-	-	-	-	-	-	1	69	15	449	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	2	118	-	-	2	13	-	-	-	-	-	-
3258	-	-	-	-	-	-	2	11	58	804	2	38	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	1	46	1	24	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	1	146	3	701	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	1	47	-	-	-	-	2	309	-	-	-	-
3504	-	-	-	-	-	-	4	253	-	-	-	-	-	-
3506	-	-	-	-	-	-	1	266	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	2	530	-	-	-	-
3510	-	-	-	-	-	-	3	23	10	123	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	1	25	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	2	57	-	-	-	-
3516	-	-	-	-	-	-	7	450	2	218	-	-	-	-
3518	-	-	-	-	-	-	3	23	32	912	1	3	-	-
3519	-	-	-	-	-	-	1	173	1	34	-	-	-	-
3525	-	-	4	283	-	-	1	61	10	1442	-	-	4	79
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	1	244	-	-	1	17	-	-	-	-	-	-
3531	-	-	1	7	-	-	11	237	11	72	-	-	-	-
3532	-	-	2	19	-	-	15	293	31	139	-	-	-	-
3533	-	-	-	-	-	-	6	69	-	-	-	-	-	-
3538	-	-	-	-	-	-	1	234	2	702	-	-	-	-
3541	-	-	-	-	-	-	1	844	1	138	-	-	-	-
3542	-	-	1	40	-	-	-	-	-	-	-	-	-	-
3544	-	-	1	74	-	-	9	158	4	109	-	-	-	-
3546	-	-	4	46	-	-	3	39	13	2047	-	-	-	-
3547	-	-	-	-	-	-	-	-	1	11	-	-	-	-
3549	-	-	-	-	-	-	2	42	2	50	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	2	115	-	-	1	334	2	15	-	-	-	-
3565	-	-	-	-	-	-	33	309	10	118	-	-	-	-
3566	-	-	-	-	-	-	4	1187	3	984	-	-	-	-
3567	-	-	1	36	-	-	7	189	17	638	-	-	-	-
4000	-	-	6	27	-	-	29	347	161	2147	37	9	-	-
5000	-	-	13	11	-	-	4784	514	857	184	719	74	-	-
CUT MO.	-	-	51	4033	-	-	4971	12635	1281	20890	760	148	5	161
CUT YTD	27	12212	1247	17127	20	1221	17327	139706	7512	139468	2707	1941	125	2497
1011	-	-	-	-	-	3	-	97	-	200	-	133	-	-
3568	-	-	3	186	-	-	19	436	41	674	1	1	-	-
3569	-	-	98	73	-	-	158	116	96	78	66	51	-	-
3571	-	-	-	-	-	-	-	-	-	-	-	-	1	300
3573	-	-	-	-	-	-	4	144	11	356	-	-	-	-
3575	-	-	1	12	-	-	16	357	6	42	1	6	-	-
3578	-	-	1	97	-	-	-	-	35	1071	-	-	-	-
3582	-	-	-	-	-	-	-	-	6	602	-	-	-	-
3583	-	-	-	-	-	-	2	49	-	-	1	25	-	-
3584	-	-	-	-	-	-	25	374	10	917	-	-	-	-
3588	34	956	-	-	-	-	1	20	9	515	-	-	-	-
3589	-	-	-	-	-	-	1	140	3	190	-	-	-	-
3590	-	-	-	-	-	-	6	163	36	851	1	9	-	-
3594	-	-	-	-	-	-	-	-	2	328	-	-	-	-
3595	-	-	1	5	-	-	3	889	4	337	-	-	-	-
3598	-	-	4	917	-	-	8	383	12	338	-	-	1	3
FRM MO.	34	956	108	1290	-	-	243	3167	271	6500	70	225	2	303
FRM YTD	35	1013	387	4468	7	2990	2896	29307	1983	37088	176	1399	77	2200
TOT MO.	34	956	159	5322	-	-	5214	15801	1552	27390	830	373	7	464
TOT YTD	62	13225	1634	21595	27	4210	20223	169013	9495	175556	2883	3340	202	4697

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JULY 1981

	BRAZIL		CHILE		COLOMBIA		PERU		VENEZUELA		OTH. S. AM.		INDIA	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	1	108	-	-	2	165	-	-	-	-	-	-	-	-
3045	6	1196	-	-	-	-	-	-	-	-	-	-	1	270
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	1	30	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	2	54	-	-	3	16	-	-	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	1	467	-	-	-	-
3266	2	97	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	2	105	-	-	-	-
3506	-	-	-	-	-	-	-	-	1	211	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	1	47	-	-	-	-	-	-	-	-	-	-	-	-
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3532	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	1	50
3538	1	53	-	-	1	36	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3546	7	241	1	220	-	-	1	3	-	-	-	-	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	1	3	-	-	-	-	-	-	-	-	-	-	-	-
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	5	177	-	-	-	-
4000	1	128	-	-	2	25	1	9	-	-	4	15	-	-
5000	4	5	22	12	13	18	2	3	86	75	-	-	1	1
CUT MO.	26	1932	23	232	21	260	4	15	96	1065	4	15	3	321
CUT YTD	409	8879	1195	1044	361	1609	67	413	998	5703	225	1538	147	5249
1011	-	228	-	-	-	-	-	-	-	5	-	14	-	-
3568	-	-	-	-	1	2	8	38	-	-	2	143	-	-
3569	-	-	-	-	2	3	-	-	88	60	48	70	-	-
3571	-	-	1	110	-	-	-	-	-	-	-	-	-	-
3573	-	-	-	-	1	8	-	-	-	-	-	-	-	-
3575	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	1	8	-	-	-	-	14	221	-	-	-	-
3588	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3589	1	1167	-	-	-	-	-	-	-	-	-	-	-	-
3590	-	-	2	186	-	-	-	-	-	-	1	5	3	77
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3598	3	371	-	-	-	-	2	60	4	532	-	-	-	-
FRM MO.	4	1766	4	304	4	12	10	98	106	817	51	232	3	77
FRM YTD	47	4915	47	551	120	1876	177	1670	477	4719	317	1845	59	3507
TOT MO.	30	3698	27	536	25	272	14	114	202	1883	55	247	6	398
TOT YTD	456	13794	1242	1595	481	3485	244	2083	1475	10422	542	3383	206	8756

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JULY 1981

	IRAN		ISRAEL		JAPAN		KOREAN REP.		PHILLIPINES		SINGAPORE		TAIWAN	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	2	46	5	1013	-	-	-	-	2	1500	1	225
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	1	407	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	1	81	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	1	62
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	-	-	-	-	-	-	-	-	3	20
3264	-	-	-	-	-	-	-	-	-	-	-	-	1	1645
3266	-	-	-	-	-	-	-	-	-	-	-	-	1	37
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	1	139	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	1	72	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	3	26	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	1	922	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	-	-	-	-	2	30
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	1	36	-	-	-	-	-	-	-	-
3528	-	-	-	-	2	485	1	287	-	-	-	-	-	-
3529	-	-	-	-	4	401	-	-	-	-	-	-	-	-
3531	-	-	-	-	1	28	-	-	-	-	2	30	-	-
3532	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	1	28	1	20	-	-	-	-	2	22	-	-
3538	-	-	-	-	5	359	-	-	-	-	4	592	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	-	-	1	94	2	82	-	-	-	-	-	-
3546	-	-	-	-	4	840	-	-	-	-	-	-	-	-
3547	-	-	-	-	1	26	-	-	-	-	-	-	-	-
3549	-	-	-	-	1	5	-	-	-	-	-	-	1	6
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	-	-	-	-	-	-	-	-	1	41	1	28	1	10
3566	-	-	-	-	1	229	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	1	27	-	-
4000	-	-	-	-	1	23	-	-	6	30	2	86	17	59
5000	-	-	10	12	38	22	19	10	7	6	124	101	14	15
CUT MO.	-	-	14	492	70	3686	24	1440	14	77	139	2457	42	2112
CUT YTD	1	21	235	3665	1136	25975	414	10276	140	1609	707	7622	183	4668
1011	-	-	-	-	-	10	-	-	-	-	-	-	-	-
3568	-	-	2	5	-	-	-	-	-	-	-	-	-	-
3569	-	-	4	1	5	2	-	-	-	-	46	27	-	-
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3575	-	-	-	-	22	106	3	15	-	-	4	108	-	-
3578	-	-	-	-	3	192	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	-	-	1	37	-	-	-	-	2	219	-	-
3588	-	-	-	-	1	265	-	-	-	-	1	50	1	17
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3590	-	-	-	-	1	43	-	-	1	28	-	-	-	-
3594	-	-	-	-	1	1046	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3598	-	-	10	186	3	68	-	-	2	42	-	-	6	915
FRM MO.	-	-	16	192	37	1768	3	15	3	70	53	404	7	932
FRM YTD	-	-	137	793	227	6940	66	1835	79	1108	278	2693	99	8143
TOT MO.	-	-	30	684	107	5454	27	1455	17	147	192	2861	49	3043
TOT YTD	1	21	372	4458	1363	34914	482	12113	219	2717	985	10315	282	12811

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JULY 1981

	TURKEY UNITS	TURKEY $000	OTHER ASIA UNITS	OTHER ASIA $000	AUSTRALIA UNITS	AUSTRALIA $000	N. ZEALAND UNITS	N. ZEALAND $000	REP./S.AFR. UNITS	REP./S.AFR. $000	OTH. AFRICA UNITS	OTH. AFRICA $000	ALL OT CTRY UNITS	ALL OT CTRY $000
674:														
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	5	697	-	-	-	-	1	253	-	-	-	-
3204	-	-	-	-	-	-	-	-	1	174	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	1	386	1	433	-	-
3211	-	-	2	51	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	1	17	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	3	59	-	-	-	-	-	-	-	-	-	-
3264	-	-	-	-	1	2053	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	1	19	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	1	20	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	2	21	1	53	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	1	6	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	2	9	-	-	-	-	-	-	-	-	1	22	-	-
3532	-	-	1	9	-	-	1	10	-	-	-	-	-	-
3533	-	-	-	-	-	-	-	-	2	55	-	-	-	-
3538	-	-	14	345	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	1	7	-	-	-	-	-	-	-	-	1	80
3546	-	-	1	26	-	-	-	-	1	5	-	-	-	-
3547	-	-	-	-	-	-	-	-	-	-	2	15	-	-
3549	-	-	2	2	-	-	-	-	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	1	16	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	-	-	4	113	6	377	-	-	-	-	-	-	-	-
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	6	103	-	-	15	73	-	-	-	-
4000	13	161	20	1	10	44	3	8	-	-	5	5	-	-
5000	-	-	90	62	38	14	1	2	227	133	47	27	6	2
CUT MO.	18	208	147	1463	61	2592	6	40	248	1079	56	502	7	83
CUT YTD	40	450	3085	12134	1911	10571	27	151	1767	5449	399	3728	707	1093
1011	-	-	-	32	-	23	-	15	-	-	-	3	-	-
3568	1	10	2	5	1	193	-	-	8	305	-	-	-	-
3569	10	4	6	5	25	21	52	12	53	17	-	-	-	-
3571	-	-	-	-	-	-	-	-	-	-	1	147	-	-
3573	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3575	1	304	-	-	2	132	1	6	6	167	-	-	-	-
3578	-	-	1	170	1	26	-	-	-	-	-	-	-	-
3582	-	-	3	50	-	-	-	-	-	-	1	15	-	-
3583	-	-	1	16	-	-	-	-	-	-	-	-	-	-
3584	-	-	3	26	1	26	-	-	[illegible]	171	-	-	1	8
3588	-	-	-	-	-	-	-	-	5	452	-	-	-	-
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3590	2	18	1	69	-	-	-	-	3	224	-	-	-	-
3594	-	-	-	-	-	-	-	-	1	164	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	2	16
3598	-	-	3	78	-	-	1	10	1	8	-	-	1	24
FRM MO.	14	336	20	449	30	420	54	42	83	1507	2	165	4	49
FRM YTD	15	366	338	16205	197	4151	88	335	185	5276	52	1570	95	1398
TOT MO.	32	544	167	1912	91	3011	60	83	331	2586	58	667	11	131
TOT YTD	55	816	3423	28339	2108	14721	115	486	1952	10725	451	5298	802	2492

JULY 1981 - U.S. EXPORTS OF MACHINE TOOLS

Total and Countries of Destination

The following is a breakdown of the activity by country which is included in the ALL OTHER columns.

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
EUROPE						
AZORES	-	-	-	-	-	-
BULGARIA	-	-	1	24	1	24
CYPRUS	-	-	-	-	-	-
CZECHOSLOVAKIA	-	-	-	-	-	-
E GERMANY	-	-	-	-	-	-
HUNGARY	-	-	-	-	-	-
ICELAND	6	2	-	-	6	2
PORTUGAL	1	80	3	24	4	105
GIBRALTAR	-	-	-	-	-	-
TOTAL	7	83	4	49	11	131
OTHER N.&C.AM						
BAHAMAS	-	-	-	-	-	-
BARBADOS	1	24	9	8	10	32
BELIZE	-	-	-	-	-	-
BERMUDA	-	-	-	-	-	-
CAYMAN	-	-	-	-	-	-
COSTA RICA	1	20	4	3	5	23
DOMINICAN REP.	36	5	1	1	37	6
FR. W. INDIES	1	1	-	-	1	1
GUATEMALA	1	3	-	-	1	5
HAITI	-	-	2	1	2	1
HONDURAS	14	5	-	-	14	5
JAMAICA	1	4	1	6	2	10
LW & WW IS.	1	2	2	26	3	28
NICARAGUA	-	-	-	-	-	-
N. ANTILLES	-	-	-	-	-	-
PANAMA	703	66	3	1	706	67
SALVADOR	-	-	-	-	-	-
TRINIDAD	1	19	48	46	49	64
TOTAL	760	148	70	225	830	373
OTHER S. AMER						
BOLIVIA	-	-	-	-	-	-
ECUADOR	4	15	31	183	35	198
FRENCH GUIANA	-	-	-	-	-	-
GUYANA	-	-	-	-	-	-
PARAGUAY	-	-	-	-	-	-
SURINAM	-	-	20	49	20	49
URUGUAY	-	-	-	-	-	-
TOTAL	4	15	51	232	55	247
OTHER ASIA						
AFGHANISTAN	-	-	-	-	-	-
ADEN	-	-	-	-	-	-
ARAB EMIRATES	17	12	-	-	17	12
BAHRAIN	3	5	-	-	3	5
BANGLADASH	-	-	-	-	-	-
BRUNEI	-	-	-	-	-	-
BURMA	-	-	-	-	-	-
CHINA	4	652	-	-	4	652
GAZA STRIP	-	-	-	-	-	-
HONG KONG	4	15	3	14	7	29
INDONESIA	2	80	-	-	2	96
IRAQ	-	-	-	-	-	-
JORDAN	32	15	-	-	32	15
KUWAIT	4	155	1	66	5	221
LEBANON	-	-	-	-	-	-
MALAYSIA	1	3	2	23	3	25
NEPAL	-	-	-	-	-	-
OMAN	3	18	-	-	3	18
PAKISTAN	-	-	-	-	-	-
QATAR	2	1	-	-	2	1
SAUDI ARABIA	75	507	13	261	88	766
SRI LANKA	-	-	-	-	-	-
SYRIA	-	-	-	-	-	-
THAILAND	-	-	1	69	1	69
YEMEN	-	-	-	-	-	-
TOTAL	147	1463	20	449	167	1912

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER OCEANIA						
FR. PAC. IS.	-	-	-	-	-	-
NEW GUINEA	-	-	-	-	-	-
TERR. PAC. IS.	-	-	-	-	-	-
OTH. PAC. IS.	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-
OTHER AFRICA						
BOTSWANA	1	1	-	-	1	1
ALGERIA	-	-	-	-	-	-
ANGOLA	-	-	-	-	-	-
BENIN	-	-	-	-	-	-
CAMEROON	-	-	-	-	-	-
CANARY ISLANDS	-	-	-	-	-	-
DAHOMEY	-	-	-	-	-	-
EGYPT	2	15	-	-	2	15
ETHIOPIA	-	-	-	-	-	-
GABON	-	-	-	-	-	-
GHANA	4	1	-	-	4	4
GUINEA	1	433	-	-	1	433
KENYA	-	-	-	-	-	-
LESOTHO	-	-	-	-	-	-
LIBERIA	2	24	-	-	2	24
LIBYA	-	-	-	-	-	-
MALAWI	-	-	-	-	-	-
MAURITANIA	-	-	-	-	-	-
MOROCCO	-	-	-	-	-	-
MOZAMBIQUE	-	-	-	-	-	-
NIGER	-	-	-	-	-	-
NIGERIA	40	24	1	147	41	171
RWANDA	-	-	-	-	-	-
SENEGAL	-	-	-	-	-	-
SIERRA LEONE	-	-	-	-	-	-
SOMALIA	-	-	-	-	-	-
S. W. AFRICA	-	-	-	-	-	-
SUDAN	-	-	-	-	-	-
SWAZILAND	-	-	-	-	-	-
TANZANIA	-	-	-	-	-	-
TUNISIA	-	-	-	-	-	-
ZIMBABWE	-	-	1	15	1	15
WEST AFRICA	-	-	-	-	-	-
ZAIRE	6	4	-	-	6	4
ZAMBIA	-	-	-	-	-	-
OTH WEST AFR.	-	-	-	-	-	-
IVORY COAST	-	-	-	-	-	-
MAURITIUS	-	-	-	-	-	-
TOGO	-	-	-	-	-	-
TOTAL	56	502	2	165	58	667

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Statistical

REPORT
November 11, 1981

U.S. FOREIGN TRADE IN MACHINE TOOLS
AUGUST 1981

U.S. foreign trade in machine tools during August 1981 resulted in a trade deficit of $60.9 million for the month, bringing the trade deficit for eight months of 1981 to $234.6 million. Compared to July 1981, U.S. exports declined 20% while imports rose 12%. Year-to-date machine tool exports of $748.8 million were 50% ahead of the same period last year. U.S. imports of $983.4 million have risen 13% over the first eight months of 1980.

U.S. Machine Tool Trade
($Millions)

August 1981	Exports	Imports	Surplus (Deficit)
Metal Cutting	$ 56.4	$116.3	($ 59.9)
Metal Forming	$ 18.2	$ 19.2	($ 1.0)
Total	$ 74.6	$135.5	($ 60.9)
8 Mos. 1981			
Metal Cutting	$540.4	$855.8	($315.4)
Metal Forming	$208.4	$127.6	$ 80.8
Total	$748.8	$983.4	($234.6)

U.S. EXPORTS of metal cutting machine tools during August were down 13% from the July total as metal forming types fell 36%. Compared to the first eight months of 1980, metal cutting and metal forming type exports both increased, by 73% and 12% respectively. For January through August 1981, the leading export markets were (in millions): Mexico ($191.2), Canada ($184.8), the United Kingdom ($47.5), Japan ($38.3) and West Germany ($26.1).

U.S. IMPORTS of metal cutting machine tools increased 9% from the July total while metal forming imports rose 37%. The year-to-date total for metal cutting types was 21% above the first eight months of 1980, exceeding U.S. exports by $315.4 million. Year-to-date imports of metal forming types declined 21% from the same period last year. Leading exporters of machine tools to the U.S. during the first eight months of 1981 were (in millions): Japan ($439.0), West Germany ($131.5), the United Kingdom ($98.6), Taiwan ($63.3) and Switzerland ($56.3).

national machine tool builders association
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TWX 710-831-0031 NMTBA MCLN

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
AUGUST 1981

RELEASED: November 11, 1981

674:	METAL CUTTING	TOTAL YTD UNITS	TOTAL YTD $000	TOTAL MO. UNITS	TOTAL MO. $000	AUSTRIA UNITS	AUSTRIA $000	BELGIUM UNITS	BELGIUM $000
3025	Gear Hobbers	133	12757	25	1437	-	-	-	-
3035	Gear Shapers	11	1535	1	23	-	-	-	-
3045	Gear Cutting Machines, N.E.C.	12	1652	2	26	-	-	-	-
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26'' or Less	689	53812	116	9252	-	-	-	-
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26''	81	11222	7	720	-	-	-	-
3209	Horizontal Machining Centers, ATC, NC	246	31116	26	5633	-	-	-	-
3211	Machining Centers, NC, N.E.C.	236	22740	36	2885	-	-	-	-
3212	Single Station and Multi-Station Transfer Machines	23	4539	-	-	-	-	-	-
3213	Way Type Machines (Unit Heads)	1	153	1	153	-	-	-	-
3217	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	10	2736	1	28	-	-	-	-
3218	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	-	-	-	-	-	-	-	-
3219	Vertical Boring-Drilling-Milling Machines,NC	20	3317	-	-	-	-	-	-
3222	Horiz. Boring-Drilling-Milling Machines,non-NC	146	13963	17	1943	-	-	-	-
3223	Vertical Boring-Drilling-Milling Machines,non-NC	1246	12213	109	1279	-	-	-	-
3228	Drilling Machines,NC	13	648	2	50	-	-	-	-
3229	Drilling Machines, Multi-Spindle, non-NC	41	3938	13	221	-	-	-	-
3234	Drilling Machines, Radial, non-NC	981	7843	139	1103	-	-	-	-
3236	Drilling Machines, Upright, Single Spindle, non-NC	175	1011	9	61	-	-	-	-
3242	Drilling Machines, non-NC, N.E.C.	313	5467	74	674	-	-	-	-
3264	Milling Machines, NC	254	20427	11	2357	-	-	-	-
3266	Milling Machines, Profiling, Dupl. & Die Sinking, non-NC	226	3424	11	78	-	-	-	-
3267	Milling Machines, Knee Type, non-NC	2905	21371	375	3006	-	-	-	-
3268	Milling Machines, Bed Type, non-NC	396	12552	61	2868	-	-	-	-
3269	Milling Machines, non-NC, N.E.C.	3148	29321	475	4039	-	-	-	-
3276	Vertical Boring Machines, incl. VTL's, NC	23	3177	2	450	-	-	-	-
3277	Vertical Boring Machines, incl. VTL's, non-NC	151	5626	24	1001	-	-	-	-
3281	Boring Machines, NC, N.E.C.	11	4056	-	-	-	-	-	-
3283	Boring Machines, non-NC, N.E.C.	251	11548	42	1410	-	-	-	-
3507	Horizontal Lathes, NC, Less Than 25 HP	1264	81964	130	8897	-	-	-	-
3509	Horizontal Lathes, NC, 25-50 HP	846	77764	141	12498	-	-	-	-
3511	Horizontal Lathes, NC, Over 50 HP	168	21506	24	2978	-	-	-	-
3512	Horizontal Engine & Toolroom Lathes, non-NC	5276	49509	701	7146	7	32	-	-
3513	Automatic Chucking Lathes, Single Spindle, non-NC	112	4751	37	698	-	-	-	-
3514	Automatic Chucking Lathes, Multi-Spindle, non-NC	49	6254	9	615	-	-	-	-
3515	Automatic Bar Machines, Single Spindle, non-NC	229	5344	21	680	-	-	-	-
3516	Automatic Bar Machines, Multi-Spindle, non-NC	93	8056	2	122	-	-	-	-
3518	Horizontal Lathes, non-NC, N.E.C.	524	15859	87	1894	-	-	-	-
3521	Vertical Lathes, excl. VTL's, NC	167	16472	32	2929	-	-	-	-
3522	Vertical Lathes, excl. VTL's, non-NC	1603	29990	163	3046	-	-	-	-
3527	Gear Tooth Grinding & Finishing Machines	100	9105	29	2320	-	-	1	119
3528	Tool & Cutter Grinding Machines, NC	83	6005	11	877	-	-	-	-
3529	Tool & Cutter Grinding Machines, non-NC	805	13350	108	2111	-	-	-	-
3533	Honing & Lapping Machines	131	6519	19	501	-	-	-	-
3539	Grinding Machines, Flat Surface, NC	33	3434	7	945	-	-	-	-
3541	Grinding Machines, Flat Surface Reciprocating Table,non-NC	407	8029	57	893	-	-	-	-
3543	Grinding Machines, Flat Surface, non-NC, N.E.C.	864	18323	81	1787	-	-	-	-
3546	Grinding & Polishing Machines, NC, N.E.C.	21	2274	5	387	-	-	-	-
3554	External Grinding Machines, non-NC	456	18931	83	2380	-	-	12	571
3556	Internal Grinding Machines, non-NC	65	3306	13	509	-	-	-	-
3558	Grinding, Polishing & Buffing Machines, non-NC, N.E.C.	134	4432	14	190	-	-	-	-
3559	Grinding Machines, non-NC, N.E.C.	596	13342	62	1044	-	-	-	-
3562	Traveling Wire Electrical Discharge Machines	232	13272	25	1024	-	-	-	-
3564	All Other Electrical Discharge Machines	108	5317	5	172	-	-	-	-
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	108	4075	22	865	-	-	22	865
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, non-NC	71	1261	13	160	-	-	1	5
3576	Metal Cutting Machine Tools, NC, N.E.C.	24	1890	1	162	-	-	-	-
3577	Sawing & Cut-off Machines, non-NC	897	9441	166	1117	-	-	-	-
3578	Broaching Machines, non-NC	47	4374	1	176	-	-	-	-
3579	Metal Cutting Machine Tools, non-NC, N.E.C.	481	13302	74	3652	1	291	-	-
4000	Metal Cutting Machine Tools, Used or Rebuilt*	3083	31454	533	5942	2	25	21	94
9000	Metal Cutting Machine Tools, Less Than $2500*	524257	45174	87692	6837	43	33	5	2
	TOTAL CUTTING			91947	116267	53	385	62	1657
	TOTAL CUTTING YTD	555076	805831			687	1276	356	7477
674:	METAL FORMING								
1010	Die Casting Machines	117	2963	15	333	-	-	-	-
3582	Metal Forming Machine Tools, Used or Rebuilt	507	3694	82	537	-	-	-	-
3583	Metal Forming Machine Tools, Less Than $2500	10617	2754	1317	456	-	-	-	-
3584	Punching & Shearing Machines, incl. Combination, NC	170	19875	15	2276	-	-	-	-
3586	Shearing Machines, non-NC	498	7820	77	856	-	-	-	-
3587	Punching & Combination Punching & Shearing Machines, non-NC	454	6803	63	927	-	-	-	-
3588	Bending, Folding, Straightening & Flattening Machines, NC	20	1365	7	166	-	-	-	-
3589	Press Brakes, non-NC	293	4635	46	533	-	-	4	62
3591	Bending Rolls, Ram & Press Bending Machines, non-NC	160	4341	26	353	-	-	-	-
3592	Bending,Folding,Str. & Flattening Machines, non-NC, N.E.C.	695	10668	84	1306	-	-	-	-
3593	Metal Forming Machine Tools, NC, N.E.C.	12	1635	-	-	-	-	-	-
3594	Mechanical Presses, non-NC	98	7402	18	1076	-	-	5	246
3595	Hydraulic Presses, Vertical, Single Action, non-NC	55	2802	3	13	-	-	-	-
3596	Hydraulic & Pneumatic Presses, non-NC, N.E.C.	249	19039	63	5948	-	-	-	-
3597	Headers & Upsetters, non-NC	122	8609	13	1210	-	-	1	190
3598	Forging Machines, non-NC, N.E.C.	26	1346	4	93	-	-	-	-
3599	Metal Forming Machine Tools, non-NC, N.E.C.	643	21848	61	3125	-	-	3	834
	TOTAL FORMING			1894	19210	-	-	13	1331
	TOTAL FORMING YTD	14700	127625			2	101	90	5939
	TOTAL ALL TYPES			93841	135477	53	385	75	2988
	TOTAL ALL TYPES YTD	569776	983456			689	1377	446	13416

Source: U.S. Department of Commerce, Census Report No. IM146; National Machine Tool Builders' Association.

NOTES: 1) a/Dollar amount less than $500; 2) N.E.C. - Not Elsewhere Classified; 3) Individual items may not add to totals due to rounding.
4) Machine tool imports, as reflected in the government statistics, are actually undervalued since they reflect values in the country of origin and do not include ocean freight, insurance, dealer's commission or import duties.
5) Beginning in January 1980, foreign trade data for die casting machines are included in the metal forming total. U.S. die casting imports are not available for previous years.

*Code 6744000 shown above represents combined data from codes 674:3015,3215,3226,3261,3272,3502,3524 & 3573.
Code 6749000 shown above represents combined data from codes 674:3227,3262,3273,3503,3526 & 3574.

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
AUGUST 1981

	CZECHO.		DENMARK		E. GERMANY		FRANCE		ITALY		NETHERLANDS		NORWA:	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	2	36	-	-	1	49	-	-	-	-	-	-	-	-
3035	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3212	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	1	28	-	-	-	-	-	-	-	-	-	-	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3222	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3223	1	7	-	-	-	-	-	-	2	404	-	-	-	-
3228	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3229	-	-	-	-	-	-	-	-	1	19	-	-	-	-
3234	3	29	-	-	-	-	-	-	11	81	-	-	-	-
3236	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3242	-	-	-	-	-	-	-	-	1	3	-	-	-	-
3264	-	-	-	-	-	-	1	223	-	-	-	-	-	-
3266	-	-	-	-	1	26	-	-	-	-	1	3	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	1	1332	-	-	-	-	-	-
3269	-	-	-	-	1	25	3	210	81	607	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	1	37	-	-	-	-	-	-	3	181	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3282	1	37	2	28	-	-	-	-	22	459	-	-	-	-
3507	-	-	-	-	-	-	1	62	-	-	-	-	-	-
3509	-	-	-	-	-	-	6	369	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	5	57	-	-	-	-	1	25	6	180	-	-	-	-
3513	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3514	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	1	3	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3521	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3522	1	37	-	-	-	-	1	3	-	-	-	-	-	-
3527	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3528	-	-	-	-	-	-	1	91	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	1	13	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3539	-	-	-	-	-	-	-	-	1	172	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3543	-	-	-	-	-	-	-	-	3	144	-	-	-	-
3546	-	-	-	-	-	-	-	-	-	-	3	60	-	-
3554	6	53	3	16	-	-	-	-	24	354	4	172	-	-
3556	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3558	1	6	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	10	111	-	-	-	-
3562	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3564	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3571	-	-	-	-	-	-	3	20	-	-	-	-	-	-
3576	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3577	-	-	-	-	-	-	-	-	50	239	-	-	-	-
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3579	-	-	-	-	-	-	2	44	5	56	-	-	-	-
4000	15	133	-	-	16	96	13	67	8	67	2	83	-	-
5000	-	-	20	19	-	-	152	28	306	127	245	199	1	a/
CUT NO.	38	461	25	64	19	196	185	2473	494	3203	256	528	1	a/
CUT YTD	349	3620	501	1072	100	2078	1930	14258	3345	24563	652	2967	19	63
1010	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	2	25	5	114	-	-	3	8
3583	-	-	-	-	-	-	70	13	1	1	-	-	-	-
3584	-	-	-	-	-	-	2	181	-	-	-	-	-	-
3586	-	-	-	-	-	-	1	28	31	134	-	-	-	-
3587	-	-	2	37	-	-	-	-	1	10	-	-	-	-
3588	-	-	-	-	-	-	-	-	3	19	-	-	-	-
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3591	-	-	1	4	-	-	-	-	5	47	-	-	-	-
3592	-	-	-	-	-	-	1	11	32	285	1	20	-	-
3593	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3594	-	-	-	-	-	-	-	-	1	16	-	-	-	-
3595	-	-	-	-	-	-	-	-	1	5	-	-	-	-
3596	-	-	1	84	-	-	-	-	4	25	2	202	-	-
3597	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3598	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3599	-	-	-	-	-	-	1	124	8	64	-	-	2	118
FRM NO.	-	-	4	125	-	-	77	382	92	720	3	222	5	126
FRM YTD	-	-	74	1270	2	11	397	2537	933	8149	23	490	12	410
TOT NO.	38	461	29	188	19	196	262	2855	586	3923	259	751	6	126
TOT YTD	349	3620	575	2342	102	2089	2327	16795	4278	32712	675	3457	31	473

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
AUGUST 1981

674	POLAND UNITS	POLAND $000	PORTUGAL UNITS	PORTUGAL $000	SPAIN UNITS	SPAIN $000	SWEDEN UNITS	SWEDEN $000	SWITZERLAND UNITS	SWITZERLAND $000	U. KINGDOM UNITS	U. KINGDOM $000	W. GERMANY UNITS	W. GERMANY $000
3025	-	-	-	-	-	-	-	-	-	-	7	130	13	1169
3035	-	-	-	-	-	-	-	-	-	-	1	23	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	1	18
3204	-	-	-	-	-	-	-	-	1	321	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	2	994	-	-	3	1552
3211	-	-	-	-	-	-	-	-	-	-	-	-	3	276
3212	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-	1	153
3217	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3222	1	142	-	-	4	173	-	-	-	-	2	463	1	15
3223	-	-	-	-	2	8	3	77	3	275	-	-	5	114
3226	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3229	-	-	-	-	6	52	-	-	3	18	1	17	1	66
3234	-	-	-	-	12	112	3	23	-	-	-	-	2	13
3236	-	-	-	-	2	9	-	-	-	-	2	15	1	4
3242	-	-	10	58	44	223	-	-	2	196	5	51	-	-
3264	-	-	-	-	1	13	1	27	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	2	16	1	12
3267	29	407	-	-	216	957	-	-	-	-	77	980	3	106
3268	-	-	-	-	-	-	7	84	-	-	5	188	2	524
3269	-	-	-	-	32	371	-	-	6	354	3	444	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	2	100	-	-	9	648
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	2	464	12	306
3507	-	-	-	-	-	-	-	-	-	-	-	-	6	450
3509	-	-	-	-	-	-	2	198	1	116	-	-	2	201
3511	-	-	-	-	-	-	4	644	-	-	-	-	4	366
3512	62	1336	-	-	13	142	-	-	-	-	191	1466	4	114
3513	-	-	-	-	-	-	-	-	-	-	6	168	1	3
3514	-	-	-	-	-	-	-	-	3	52	-	-	3	537
3515	-	-	-	-	-	-	-	-	5	192	1	26	1	15
3516	-	-	-	-	-	-	-	-	-	-	2	122	-	-
3518	-	-	-	-	1	20	-	-	2	63	1	129	-	-
3521	-	-	-	-	-	-	-	-	-	-	1	13	1	108
3522	-	-	-	-	3	63	-	-	3	31	22	440	4	195
3527	-	-	-	-	-	-	-	-	1	187	1	14	20	1847
3528	-	-	-	-	-	-	-	-	1	78	-	-	-	-
3529	-	-	-	-	3	8	1	4	10	844	44	547	25	314
3533	-	-	-	-	-	-	-	-	-	-	10	73	7	379
3539	-	-	-	-	-	-	1	290	1	67	-	-	1	310
3541	-	-	-	-	1	19	-	-	1	31	-	-	1	30
3543	5	23	-	-	-	-	1	120	1	3	5	203	8	211
3546	-	-	-	-	-	-	-	-	1	156	-	-	-	-
3554	-	-	-	-	-	-	-	-	11	491	12	388	2	114
3556	-	-	-	-	1	59	-	-	-	-	1	107	1	31
3558	-	-	-	-	-	-	-	-	-	-	2	23	10	111
3559	-	-	-	-	3	8	-	-	3	101	8	88	10	314
3562	-	-	-	-	-	-	-	-	17	630	-	-	-	-
3564	-	-	-	-	-	-	-	-	2	94	1	42	1	34
3567	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3571	-	-	-	-	-	-	-	-	2	22	1	29	3	24
3576	-	-	-	-	-	-	-	-	-	-	-	-	1	162
3577	-	-	-	-	-	-	-	-	-	-	33	135	31	328
3578	-	-	-	-	-	-	-	-	-	-	-	-	1	176
3579	-	-	-	-	1	24	2	11	12	791	21	350	23	1867
4000	-	-	-	-	-	-	6	161	15	169	278	2592	119	1577
5000	-	-	3	3	7	17	11	12	15	10	201	120	383	246
CUT MO.	97	1908	13	62	352	2275	42	1651	126	6388	949	9864	731	15044
CUT YTD	648	11026	180	482	2413	15968	1110	12733	2323	45670	7190	87083	12117	102771
1010	-	-	-	-	-	-	-	-	-	-	6	45	-	-
3582	-	-	-	-	-	-	-	-	-	-	62	291	6	94
3583	-	-	-	-	68	111	3	7	112	24	10	13	249	73
3584	-	-	-	-	-	-	-	-	-	-	1	711	1	122
3586	-	-	-	-	-	-	-	-	-	-	9	129	8	116
3587	-	-	-	-	-	-	6	102	2	187	1	70	23	155
3588	-	-	-	-	-	-	-	-	-	-	-	-	2	43
3589	-	-	-	-	3	21	1	55	-	-	-	-	-	-
3591	-	-	-	-	-	-	13	258	-	-	7	44	-	-
3592	-	-	-	-	1	27	8	89	6	434	5	124	12	84
3593	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3594	-	-	-	-	-	-	-	-	-	-	1	180	2	198
3595	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3596	-	-	-	-	-	-	4	1713	1	421	3	18	8	1021
3597	-	-	-	-	-	-	-	-	-	-	-	-	3	498
3598	-	-	-	-	-	-	-	-	-	-	1	3	1	10
3599	-	-	-	-	2	60	1	10	-	-	3	107	20	1176
FRM MO.	-	-	-	-	74	219	36	2234	121	1066	109	1734	335	3590
FRM YTD	2	9	-	-	148	1857	347	5918	426	10651	1013	11506	1869	28757
TOT MO.	97	1908	13	62	426	2494	78	3885	247	7454	1058	11598	1066	18634
TOT YTD	650	11034	180	482	2561	17825	1457	18651	2749	56320	8203	98589	13986	131528

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
AUGUST 1981

674	YUGOSLAVIA UNITS	YUGOSLAVIA $000	CANADA UNITS	CANADA $000	INDIA UNITS	INDIA $000	JAPAN UNITS	JAPAN $000	TAIWAN UNITS	TAIWAN $000	AUSTRALIA UNITS	AUSTRALIA $000	ALL OTHERS UNITS	ALL OTHERS $000
3025	-	-	-	-	-	-	2	52	-	-	-	-	-	-
3035	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	1	8	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	114	8861	-	-	-	-	1	71
3206	-	-	-	-	-	-	7	720	-	-	-	-	-	-
3209	-	-	-	-	-	-	21	3087	-	-	-	-	-	-
3211	-	-	-	-	-	-	33	2607	-	-	-	-	-	-
3212	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3222	-	-	-	-	-	-	4	390	-	-	-	-	5	760
3223	-	-	7	59	-	-	2	190	83	65	-	-	1	80
3228	-	-	-	-	-	-	2	50	-	-	-	-	-	-
3229	-	-	1	50	-	-	-	-	-	-	-	-	-	-
3234	-	-	-	-	-	-	41	583	57	219	-	-	10	43
3236	-	-	1	24	-	-	-	-	3	9	-	-	-	-
3242	-	-	-	-	-	-	2	106	10	37	-	-	-	-
3264	-	-	-	-	-	-	2	1858	1	37	-	-	5	200
3266	-	-	-	-	-	-	-	-	6	21	-	-	-	-
3267	-	-	25	368	-	-	5	88	18	79	-	-	2	22
3268	-	-	1	51	-	-	24	522	15	91	-	-	6	77
3269	-	-	3	128	-	-	43	756	323	1084	-	-	20	60
3276	-	-	-	-	-	-	2	450	-	-	-	-	-	-
3277	-	-	1	13	-	-	-	-	8	23	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	1	91	-	-	2	25	-	-	-	-	-	-
3507	-	-	-	-	-	-	122	8322	1	62	-	-	-	-
3509	-	-	-	-	-	-	130	11615	-	-	-	-	-	-
3511	-	-	-	-	-	-	16	1968	-	-	-	-	-	-
3512	3	142	6	114	2	21	37	702	197	1284	-	-	167	1531
3513	-	-	-	-	-	-	16	260	14	267	-	-	-	-
3514	-	-	-	-	-	-	1	15	2	11	-	-	-	-
3515	-	-	-	-	-	-	13	441	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	16	1214	23	115	-	-	44	252
3521	-	-	2	193	-	-	25	2477	2	99	-	-	1	39
3522	7	238	2	62	-	-	26	1438	78	424	-	-	16	114
3527	-	-	-	-	-	-	6	153	-	-	-	-	-	-
3528	-	-	-	-	-	-	9	709	-	-	-	-	-	-
3529	-	-	1	3	-	-	7	300	14	65	-	-	2	14
3533	-	-	-	-	-	-	-	-	-	-	-	-	2	50
3539	-	-	-	-	-	-	3	106	-	-	-	-	-	-
3541	-	-	-	-	-	-	11	225	3	8	-	-	40	581
3543	-	-	-	-	-	-	41	892	6	29	-	-	11	161
3546	-	-	-	-	-	-	1	172	-	-	-	-	-	-
3554	-	-	-	-	-	-	6	194	3	28	-	-	-	-
3556	-	-	-	-	-	-	10	312	-	-	-	-	-	-
3558	-	-	-	-	-	-	1	52	-	-	-	-	-	-
3559	-	-	1	4	-	-	17	372	9	43	-	-	1	3
3562	-	-	-	-	-	-	8	394	-	-	-	-	-	-
3564	-	-	1	3	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3571	-	-	1	3	-	-	2	57	-	-	-	-	-	-
3576	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3577	-	-	-	-	-	-	20	301	17	69	-	-	15	46
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3579			2	7	1	16	4	196	-	-	-	-	-	-
4000	-	-	17	580	-	-	9	198	3	12	-	-	9	85
5000	-	-	126	104	2	2	6844	902	79139	4771	-	-	189	241
CUT MO.	10	381	200	1865	5	40	7707	54329	80035	8952	-	-	547	4527
CUT YTD	234	3244	2283	18930	105	808	48717	402208	445337	13030	3	70	4477	34347
1010	-	-	7	154	-	-	2	134	-	-	-	-	-	-
3582	-	-	2	a/	-	-	-	-	-	-	-	-	2	5
3583	-	-	212	54	-	-	356	144	230	16	-	-	-	-
3584	-	-	-	-	-	-	11	1262	-	-	-	-	-	-
3586	-	-	2	121	-	-	23	297	2	16	-	-	1	18
3587	-	-	1	10	-	-	27	357	-	-	-	-	-	-
3588	-	-	-	-	-	-	2	105	-	-	-	-	-	-
3589	-	-	3	50	-	-	33	312	-	-	-	-	2	33
3591	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3592	-	-	14	119	-	-	4	114	-	-	-	-	-	-
3593	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3594	-	-	1	35	-	-	8	402	-	-	-	-	-	-
3595	-	-	1	3	-	-	1	5	-	-	-	-	-	-
3596	-	-	6	72	-	-	14	2317	-	-	-	-	20	75
3597	-	-	-	-	-	-	9	522	-	-	-	-	-	-
3598	-	-	1	64	-	-	1	16	-	-	-	-	-	-
3599	-	-	17	476	-	-	3	146	-	-	-	-	1	9
FRM MO.	-	-	267	1158	-	-	494	6130	236	30	-	-	26	139
FRM YTD	-	-	2534	10839	46	118	4252	36753	2322	232	12	13	194	2038
TOT MO.	10	381	467	3023	5	40	8201	60460	80271	8982	-	-	573	4667
TOT YTD	234	3244	4817	29769	153	926	52969	438961	467659	63762	15	83	4671	36385

Total and Countries of Origin

The following is a breakdown of the activity by country which is included in the ALL OTHER column on page 4.

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
EUROPE						
AZORES	-	-	-	-	-	-
BULGARIA	-	-	-	-	-	-
CYPRUS	-	-	-	-	-	-
FINLAND	1	3	-	-	1	3
GREECE	-	-	-	-	-	-
HUNGARY	3	52	-	-	3	52
ICELAND	-	-	-	-	-	-
IRELAND	-	-	-	-	-	-
ROMANIA	44	569	-	-	44	569
USSR	1	59	-	-	1	59
GIBRALTAR	-	-	-	-	-	-
TOTAL	49	683	-	-	49	683
OTHER N.AC.AM						
BAHAMAS	-	-	-	-	-	-
BARBADOS	-	-	-	-	-	-
BELIZE	-	-	-	-	-	-
BERMUDA	-	-	-	-	-	-
CAYMAN	-	-	-	-	-	-
COSTA RICA	-	-	-	-	-	-
DOMINICAN REP.	-	-	-	-	-	-
FR. W. INDIES	-	-	-	-	-	-
GUATEMALA	-	-	-	-	-	-
HAITI	-	-	-	-	-	-
HONDURAS	-	-	-	-	-	-
JAMAICA	-	-	-	-	-	-
LW & WW IS.	-	-	-	-	-	-
MEXICO	85	59	2	10	87	68
NICARAGUA	-	-	-	-	-	-
N. ANTILLES	-	-	-	-	-	-
PANAMA	-	-	-	-	-	-
SALVADOR	-	-	-	-	-	-
TRINIDAD	-	-	-	-	-	-
TOTAL	85	59	2	10	87	68
OTHER S. AMER						
ARGENTINA	2	50	-	-	2	50
BOLIVIA	-	-	-	-	-	-
BRAZIL	41	925	-	-	41	925
CHILE	-	-	-	-	-	-
COLOMBIA	-	-	-	-	-	-
ECUADOR	-	-	-	-	-	-
FRENCH GUIANA	-	-	-	-	-	-
GUYANA	-	-	-	-	-	-
PARAGUAY	-	-	-	-	-	-
PERU	1	26	-	-	1	26
SURINAM	-	-	-	-	-	-
URUGUAY	-	-	-	-	-	-
VENEZUELA	-	-	-	-	-	-
TOTAL	44	1001	-	-	44	1001
OTHER ASIA						
AFGHANISTAN	-	-	-	-	-	-
ADEN	-		-			
ARAB EMIRATES	-	-	-	-	-	-
BAHRAIN	-	-	-	-	-	-
BANGLADASH	1	71	-	-	1	71
BRUNEI	-	-	-	-	-	-
BURMA	-	-	-	-	-	-
CHINA	101	268	-	-	101	268
GAZA STRIP	-	-	-	-	-	-
HONG KONG	1	1	1	4	2	5
INDONESIA	-	-	-	-	-	-
IRAN	-	-	-	-	-	-
IRAQ	-	-	-	-	-	-
ISRAEL	57	272	23	126	80	398
JORDAN	-	-	-	-	-	-
KOREAN REP.	98	801	-	-	98	801
KUWAIT	-	-	-	-	-	-
LEBANON	-	-	-	-	-	-
MALAYSIA	-	-	-	-	-	-
NEPAL	-	-	-	-	-	-
OMAN	-	-	-	-	-	-
PAKISTAN	-	-	-	-	-	-
PHILLIPINES	-	-	-	-	-	-
QATAR	-	-	-	-	-	-
SAUDI ARABIA	-	-	-	-	-	-
SINGAPORE	111	1371	-	-	111	1371
SRI LANKA	-	-	-	-	-	-
SYRIA	-	-	-	-	-	-
THAILAND	-	-	-	-	-	-
TURKEY	-	-	-	-	-	-
YEMEN	-	-	-	-	-	-
TOTAL	369	2784	24	130	393	2914

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER OCEANIA						
FR. PAC. IS.	-	-	-	-	-	-
NEW GUINEA	-	-	-	-	-	-
NEW ZEALAND	-	-	-	-	-	-
TERR. PAC. IS.	-	-	-	-	-	-
OTH. PAC. IS.	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-
OTHER AFRICA						
BOTSWANA	-	-	-	-	-	-
ALGERIA	-	-	-	-	-	-
ANGOLA	-	-	-	-	-	-
BENIN	-	-	-	-	-	-
CAMEROON	-	-	-	-	-	-
CANARY ISLANDS	-	-	-	-	-	-
DAHOMEY	-	-	-	-	-	-
EGYPT	-	-	-	-	-	-
ETHIOPIA	-	-	-	-	-	-
GABON	-	-	-	-	-	-
GHANA	-	-	-	-	-	-
GUINEA	-	-	-	-	-	-
KENYA	-	-	-	-	-	-
LESOTHO	-	-	-	-	-	-
LIBERIA	-	-	-	-	-	-
LIBYA	-	-	-	-	-	-
MALAWI	-	-	-	-	-	-
MAURITANIA	-	-	-	-	-	-
MOROCCO	-	-	-	-	-	-
MOZAMBIQUE	-	-	-	-	-	-
NIGER	-	-	-	-	-	-
NIGERIA	-	-	-	-	-	-
REP. S. AFRICA	-	-	-	-	-	-
RWANDA	-	-	-	-	-	-
SENEGAL	-	-	-	-	-	-
SIERRA LEONE	-	-	-	-	-	-
SOMALIA	-	-	-	-	-	-
S. W. AFRICA	-	-	-	-	-	-
SUDAN	-	-	-	-	-	-
SWAZILAND	-	-	-	-	-	-
TANZANIA	-	-	-	-	-	-
TUNISIA	-	-	-	-	-	-
ZIMBABWE	-	-	-	-	-	-
WEST AFRICA	-	-	-	-	-	-
ZAIRE	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
AUGUST 1981

RELEASED: November 11, 1981

Code	Type of Machine	TOTAL YTD UNITS	TOTAL YTD $000	TOTAL MO. UNITS	TOTAL MO. $000	AUSTRIA UNITS	AUSTRIA $000	BELGIUM UNITS	BELGIUM $000
674:	METAL CUTTING								
3020	Gear Hobbers & Shapers	186	19178	43	4247	-	-	-	-
3045	Gear Cutting Machines, N.E.C.	232	26123	48	1478	-	-	-	-
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26'' or Less	43	4085	5	542	-	-	-	-
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26''	20	4857	2	546	-	-	-	-
3209	Horizontal Machining Centers, ATC, NC	85	20184	8	2177	-	-	-	-
3211	Machining Centers, NC, N.E.C.	95	11629	9	1045	-	-	-	-
3216	Single Station and Multi-Station Transfer Machines	201	77823	30	11496	-	-	-	-
3225	Way Type Machines (Unit Heads)	13	1679	1	51	-	-	-	-
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	15	7671	-	-	-	-	-	-
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	2	631	-	-	-	-	-	-
3247	Vertical Boring-Drilling-Milling Machines, NC	40	3705	2	323	-	-	-	-
3248	Horiz. Boring-Drilling-Milling Machines, non-NC	14	1838	-	-	-	-	-	-
3249	Vertical Boring-Drilling-Milling Machines, non-NC	464	36874	5	72	-	-	-	-
3254	Drilling Machines, NC	19	2853	2	365	-	-	-	-
3255	Drilling Machines, Multi-Spindle, non-NC	75	5883	13	1043	-	-	1	68
3256	Drilling Machines, Radial, non-NC	39	1252	3	47	-	-	-	-
3257	Drilling Machines, Upright, Single Spindle, non-NC	87	2712	16	237	-	-	-	-
3258	Drilling Machines, non-NC, N.E.C.	241	5800	22	707	-	-	-	-
3264	Milling Machines, NC	32	12566	3	889	-	-	-	-
3266	Milling Machines, Profiling, Dupl. & Die Sinking, non-NC	57	5434	6	156	-	-	-	-
3267	Milling Machines, Knee Type, non-NC	8	408	2	121	-	-	-	-
3268	Milling Machines, Bed Type, non-NC	18	1411	1	46	-	-	-	-
3269	Milling Machines, non-NC, N.E.C.	103	4430	15	647	-	-	-	-
3276	Vertical Boring Machines, incl. VTL's, NC	20	4203	-	-	-	-	-	-
3277	Vertical Boring Machines, incl. VTL's, non-NC	91	9562	6	634	-	-	-	-
3281	Boring Machines, NC, N.E.C.	7	1027	-	-	-	-	-	-
3283	Boring Machines, non-NC, N.E.C.	48	2883	9	538	-	-	-	-
3504	Horizontal Lathes, NC, Less Than 25 HP	76	5278	5	324	-	-	-	-
3506	Horizontal Lathes, NC, 25-50 HP	30	5834	6	1427	-	-	-	-
3508	Horizontal Lathes, NC, Over 50 HP	10	3448	-	-	-	-	-	-
3510	Horizontal Engine & Toolroom Lathes, non-NC	213	4126	74	1205	-	-	-	-
3511	Automatic Chucking Lathes, Single Spindle, non-NC	38	5672	-	-	-	-	-	-
3512	Automatic Chucking Lathes, Multi-Spindle, non-NC	32	4157	1	25	-	-	-	-
3515	Automatic Bar Machines, Single Spindle, non-NC	47	2195	1	7	-	-	-	-
3516	Automatic Bar Machines, Multi-Spindle, non-NC	69	6285	6	177	-	-	-	-
3518	Horizontal Lathes, non-NC, N.E.C.	393	13876	29	1611	-	-	-	-
3519	Vertical Lathes, excl. VTL's, NC	18	2807	2	68	-	-	-	-
3525	Vertical Lathes, excl. VTL's, non-NC	134	12426	14	1459	-	-	-	-
3528	Grinding, Polishing, Honing & Lapping Machines, NC	84	14366	7	1123	-	-	-	-
3527	Gear Tooth Grinding & Finishing Machines, non-NC	83	15045	6	1880	-	-	-	-
3531	Tool & Cutter Grinding Machines, non-NC	305	5824	18	348	-	-	-	-
3532	Honing & Lapping Machines, non-NC	359	6953	11	343	-	-	-	-
3533	Grinding Machines, Flat Surface Reciprocating Table, non-NC	154	2672	25	363	-	-	-	-
3538	Grinding Machines, Flat Surface, non-NC, N.E.C.	172	13432	21	465	-	-	-	-
3541	External Grinding Machines, non-NC	80	12722	8	1942	-	-	-	-
3542	Internal Grinding Machines, non-NC	19	2045	1	23	-	-	-	-
3544	Grinding, Polishing & Buffing Machines, non-NC, N.E.C.	207	8055	5	215	-	-	-	-
3546	Grinding Machines, non-NC, N.E.C.	501	20528	33	3320	-	-	-	-
3547	Traveling Wire Electrical Discharge Machines	43	1496	3	186	-	-	-	-
3549	All Other Electrical Discharge Machines	205	2860	8	131	-	-	-	-
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	4	460	-	-	-	-	-	-
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, non-NC	36	675	1	8	-	-	-	-
3559	Metal Cutting Machine Tools, NC, N.E.C.	92	3020	5	268	-	-	-	-
3565	Sawing & Cut-off Machines, non-NC	532	9038	60	1065	-	-	-	-
3566	Broaching Machines, non-NC	208	12589	7	498	-	-	-	-
3567	Metal Cutting Machine Tools, non-NC, N.E.C.	489	15426	34	1179	-	-	4	396
4000	Metal Cutting Machine Tools, Used or Rebuilt*	3495	36080	325	7834	-	-	-	-
5000	Metal Cutting Machine Tools, Less Than $2500*	47258	14207	5175	1337	-	-	12	7
	TOTAL CUTTING			6152	56407	-	-	17	471
	TOTAL CUTTING YTD	57637	540404			17	919	2412	1292
674:	METAL FORMING								
1011	Die Casting Machines & Parts	-	11199	-	2249	-	2	-	2
3568	Metal Forming Machine Tools, Used or Rebuilt	1065	13522	66	2342	-	-	-	-
3569	Metal Forming Machine Tools, Less Than $2500	6940	4476	1170	564	-	-	11	3
3571	Punching & Shearing Machines, incl. Combination, NC	78	9075	5	580	-	-	-	-
3573	Shearing Machines, non-NC	99	5929	10	685	-	-	-	-
3575	Punching & Combination Punching & Shearing Machines, non-NC	672	15384	56	1810	-	-	-	-
3578	Bending, Folding, Straightening & Flattening Machines, NC	133	7833	9	454	-	-	-	-
3582	Press Brakes, non-NC	117	4892	5	322	-	-	-	-
3583	Bending Rolls, Ram & Press Bending Machines, non-NC	42	2296	5	92	-	-	-	-
3584	Bending, Folding, Str. & Flattening Machines, non-NC, N.E.C.	561	16372	74	1781	-	-	-	-
3586	Mechanical Presses, non-NC	322	16568	31	1134	-	-	-	-
3589	Hydraulic Presses, Vertical, Single Action, non-NC	87	11274	12	2000	-	-	1	15
3590	Hydraulic & Pneumatic Presses, non-NC, N.E.C.	426	28316	26	739	-	-	-	-
3594	Headers & Upsetters, non-NC	45	4724	2	236	-	-	-	-
3595	Forging Machines, non-NC, N.E.C.	125	10107	10	895	-	-	-	-
3598	Metal Forming Machine Tools, non-NC, N.E.C.	965	40393	68	2392	-	-	-	-
	TOTAL FORMING			1549	18241	-	-	12	19
	TOTAL FORMING YTD	11677	208407			3	91	96	985
	TOTAL ALL TYPES			7701	74648	-	-	29	490
	TOTAL ALL TYPES YTD	69314	748811			20	1010	2508	2277

Source: U.S. Department of Commerce, Census Report No. EM522; National Machine Tool Builders' Association.

NOTES: 1) a/Dollar amount less than $500; 2) N.E.C. - Not Elsewhere Classified; 3) Individual items may not add to totals due to rounding.
4) Beginning in January 1980, foreign trade data for die casting machines are included in the metal forming total.
For 1979, U.S. die casting exports were $6,584,000.

*Code 6744000 shown above represents combined data from codes 674:3015,3241,3252,3261,3272,3501,3526 & 3554.
Code 6745000 shown above represents combined data from codes 674:3243,3253,3262,3273,3502,3527 & 3557.

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U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
AUGUST 1981

	DENMARK		FINLAND		FRANCE		GREECE		IRELAND		ITALY		NETHERLANDS	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	-	-	-	-	-	-	1	160	-	-
3045	1	17	-	-	-	-	-	-	-	-	2	216	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	3	72	-	-
3258	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	5	201	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	-	-	1	27	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	1	43	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	1	8	-	-	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3532	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3538	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3546	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	-	-	-	-	-	-	-	-	-	-	-	-	8	109
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	1	3	-	-	-	-	3	51	-	
5000	-	-	1	1	4	2	9	7	1	1	1	1	28	1
CUT NO.	1	17	1	1	11	248	9	7	2	9	11	527	36	110
CUT YTD	15	506	39	1230	355	13908	31	267	598	2742	230	6477	2805	1105
1011	-	-	-	-	-	-	-	-	-	-	-	-	-	4
3568	-	-	-	-	-	-	-	-	-	-	-	-	2	72
3569	-	-	-	-	19	6	-	-	-	-	-	-	12	2
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3575	-	-	-	-	1	152	-	-	5	12	1	4	1	22
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3588	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3589	-	-	-	-	-	-	-	-	2	1440	-	-	-	-
3590	-	-	-	-	1	17	-	-	-	-	-	-	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3598	2	90	-	-	1	46	-	-	1	52	1	18	-	-
FRM NO.	2	90	-	-	22	222	-	-	8	1504	2	22	15	101
FRM YTD	39	737	16	506	303	6067	7	1093	59	7406	105	5855	136	1873
TOT NO.	3	107	1	1	33	470	9	7	10	1512	13	549	51	211
TOT YTD	54	1243	55	1736	658	19974	38	1360	657	10147	335	12332	2941	3038

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
AUGUST 1981

	NORWAY		POLAND		ROMANIA		SPAIN		SWEDEN		SWITZERLAND		U. KINGDOM	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	-	-	22	1155	-	-	-	-	-	-
3045	-	-	-	-	-	-	1	17	-	-	1	26	-	-
3204	-	-	-	-	-	-	-	-	-	-	2	197	1	56
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	1	200
3211	-	-	-	-	-	-	-	-	-	-	-	-	2	318
3216	-	-	-	-	-	-	-	-	-	-	-	-	19	6608
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	1	69
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	-	-	-	-	2	21
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	1	9	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	4	262
3506	-	-	-	-	-	-	-	-	-	-	-	-	2	412
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	-	-	1	6	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	-	-	-	-	-	-	3	69
3528	-	-	-	-	-	-	-	-	-	-	-	-	1	127
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	-	-	-	-	-	-	1	30	-	-	-	-	-	-
3532	-	-	-	-	-	-	-	-	-	-	2	35	-	-
3533	-	-	-	-	-	-	-	-	-	-	2	60	1	11
3538	-	-	-	-	-	-	-	-	-	-	-	-	1	12
3541	-	-	-	-	-	-	-	-	-	-	-	-	2	380
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3546	-	-	-	-	-	-	-	-	-	-	-	-	1	60
3547	-	-	-	-	-	-	-	-	-	-	2	173	-	-
3549	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	1	58
3565	-	-	-	-	-	-	-	-	-	-	1	24	1	91
3566	-	-	-	-	-	-	-	-	-	-	1	19	-	-
3567	-	-	-	-	-	-	-	-	-	-	1	39	1	16
4000	-	-	-	-	-	-	-	-	-	-	-	-	30	4322
5000	-	-	-	-	-	-	2	5	5	3	40	29	426	62
CUT MO.	-	-	-	-	-	-	26	1207	6	11	53	607	500	13155
CUT YTD	19	209	-	-	6	972	120	2422	205	1300	481	6526	1706	34318
1011	-	-	-	-	-	-	-	14	-	1	-	8	-	4
3568	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3569	-	-	-	-	-	-	-	-	22	11	-	-	2	3
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3575	-	-	-	-	-	-	-	-	-	-	-	-	3	90
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	1	122	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3588	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3590	-	-	-	-	-	-	-	-	-	-	-	-	2	18
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	2	316
3598	-	-	-	-	-	-	-	-	-	-	-	-	11	412
FRM MO.	-	-	-	-	-	-	1	139	22	13	-	-	20	843
FRM YTD	18	237	-	-	-	-	16	2396	61	1316	123	932	587	13228
TOT MO.	-	-	-	-	-	-	27	1343	28	24	53	615	520	13997
TOT YTD	37	447	-	-	6	972	136	4819	266	2616	604	7458	2293	47546

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U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
AUGUST 1981

	USSR		W. GERMANY		YUGOSLAVIA		CANADA		MEXICO		OTH. N&C AM		ARGENTINA	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	1	321	-	-	17	2390	-	-	-	-	-	-
3045	-	-	1	20	-	-	3	120	4	177	-	-	-	-
3204	-	-	1	166	-	-	1	123	-	-	-	-	-	-
3206	-	-	1	267	-	-	1	279	-	-	-	-	-	-
3209	-	-	4	1008	-	-	1	232	2	737	-	-	-	-
3211	-	-	1	128	-	-	2	488	3	97	-	-	-	-
3216	-	-	-	-	-	-	2	2042	9	2846	-	-	-	-
3225	-	-	-	-	-	-	-	-	1	51	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	1	179	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	1	12	3	43	-	-	-	-
3254	-	-	-	-	-	-	1	352	-	-	-	-	-	-
3255	-	-	1	61	-	-	2	104	-	-	-	-	-	-
3256	-	-	-	-	-	-	1	16	1	19	-	-	-	-
3257	-	-	1	85	-	-	1	3	10	58	-	-	-	-
3258	-	-	4	26	-	-	7	118	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	1	11	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	1	46	-	-	-	-	-	-
3269	-	-	-	-	-	-	1	18	2	464	2	30	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	4	494	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	1	304	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	2	513	1	290	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	31	254	37	804	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	1	7	-	-	-	-	-	-
3516	-	-	-	-	-	-	2	57	-	-	-	-	-	-
3518	-	-	-	-	5	546	5	303	9	318	-	-	-	-
3519	-	-	1	35	-	-	-	-	-	-	-	-	-	-
3525	-	-	1	233	-	-	2	213	5	308	-	-	-	-
3528	-	-	2	354	-	-	1	80	1	25	-	-	-	-
3529	3	1712	-	-	-	-	-	-	2	33	-	-	-	-
3531	-	-	-	-	-	-	7	130	-	-	-	-	-	-
3532	-	-	1	3	-	-	5	314	1	167	-	-	-	-
3533	-	-	1	65	-	-	6	39	-	-	-	-	-	-
3538	-	-	-	-	-	-	2	144	16	241	-	-	-	-
3541	-	-	-	-	-	-	3	889	1	39	-	-	-	-
3542	-	-	-	-	-	-	-	-	1	23	-	-	-	-
3544	-	-	1	13	-	-	2	50	-	-	-	-	-	-
3546	-	-	1	63	-	-	10	944	15	1648	-	-	-	-
3547	-	-	1	14	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	2	165	2	45	-	-	-	-
3565	-	-	3	240	-	-	20	218	12	155	1	5	-	-
3566	-	-	-	-	-	-	-	-	1	10	-	-	-	-
3567	-	-	-	-	-	-	4	402	13	157	2	24	-	-
4000	-	-	-	-	-	-	38	875	109	781	4	8	1	177
5000	-	-	88	61			1354	317	325	304	303	38		-
CUT MO.	3	1712	115	3163	5	546	1541	12736	589	10343	312	104	1	177
CUT YTD	30	13924	1362	20290	25	1766	18868	152442	8101	149811	3019	2045	126	2674
1011	-	-	-	9	-	3	-	1036	-	145	-	52	-	-
3568	-	-	-	-	-	-	9	619	30	341	5	178	-	-
3569	-	-	4	1	-	-	463	314	41	32	9	8	-	-
3571	-	-	3	249	-	-	-	-	1	227	-	-	-	-
3573	-	-	-	-	-	-	-	-	7	568	-	-	-	-
3575	-	-	5	606	-	-	9	173	14	226	-	-	-	-
3578	-	-	5	338	-	-	2	57	2	59	-	-	-	-
3582	-	-	-	-	-	-	-	-	1	67	-	-	-	-
3583	-	-	-	-	-	-	-	-	2	49	-	-	-	-
3584	-	-	1	3	-	-	21	429	27	799	3	32	-	-
3588	16	163	1	19	-	-	-	-	7	279	1	122	-	-
3589	-	-	1	55	-	-	1	41	6	395	-	-	-	-
3590	-	-	1	17	-	-	3	59	5	102	-	-	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	6	274	-	-	-	-
3598	-	-	1	30	-	-	16	327	21	748	2	29	-	-
FRM MO.	16	163	22	1326	-	-	524	3054	170	4313	20	421	-	-
FRM YTD	51	1177	409	5794	7	2992	3420	32360	2153	41400	196	1820	77	2200
TOT MO.	19	1875	137	4489	5	549	2065	15789	759	14655	332	525	1	177
TOT YTD	81	15101	1771	26084	32	4759	22288	184802	10254	191211	3215	3865	205	4874

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
AUGUST 1981

	BRAZIL		CHILE		COLOMBIA		PERU		VENEZUELA		OTH. S. AM.		INDIA	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	-	-	-	-	1	24	-	-	-	-
3045	-	-	-	-	-	-	1	16	-	-	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	1	14	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	1	13	-	-	-	-
3255	-	-	-	-	1	109	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	-	-	1	21	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	1	5	-	-
3267	-	-	-	-	-	-	-	-	1	60	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	-	-	-	-	4	33
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	1	49
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	-	-	1	15
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	1	3	-	-	1	8
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	2	10	-	-	2	4
3519	-	-	-	-	1	33	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	-	-	-	-	-	-	1	106
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3532	1	12	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	1	23
3538	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3546	-	-	-	-	-	-	-	-	-	-	2	68	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	2	70	-	-	-	-	-	-	-	-	-	-	4	89
3566	4	463	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	1	14	-	-
4000	2	91	-	-	1	14	-	-	3	23	1	22	1	210
5000	7	2	463	24	5	9	-	-	185	54	25	7	1	1
CUT MO.	16	637	463	24	8	166	2	37	195	202	30	115	17	541
CUT YTD	425	9516	1658	1069	369	1775	69	450	1193	5905	255	1653	164	5790
1011	-	898	-	4	-	-	-	-	-	5	-	35	-	-
3568	-	-	-	-	-	-	-	-	3	6	-	-	1	1
3569	-	-	4	9	-	-	11	3	8	2	4	4	-	-
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3575	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	-	-	-	-	-	-	9	56	1	114	-	-
3588	1	315	-	-	-	-	-	-	-	-	-	-	-	-
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3590	-	-	-	-	-	-	3	42	2	148	1	18	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3598	1	79	-	-	-	-	1	3	-	-	-	-	-	-
FRM MO.	2	1293	4	13	-	-	15	49	22	217	6	171	1	1
FRM YTD	49	6208	51	564	120	1876	192	1718	499	4936	323	2016	60	3508
TOT MO.	18	1930	467	38	8	166	17	86	217	419	36	285	18	542
TOT YTD	474	15724	1709	1632	489	3651	261	2168	1692	10841	578	3668	224	9298

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
AUGUST 1981

	IRAN		ISRAEL		JAPAN		KOREAN REP.		PHILLIPINES		SINGAPORE		TAIWAN	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	-	-	-	-	-	-	-	-	1	198
3045	-	-	17	250	1	70	1	95	2	41	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	1	18	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	5	439	-	-	-	-	-	-	1	63
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	1	19	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	2	20	3	131	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	2	69
3267	-	-	-	-	-	-	-	-	-	-	-	-	1	60
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	1	13	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	1	213	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	2	48	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	1	25	-	-	-	-	-	-
351[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	3	77	-	-	-	-	-	-	-	-
3518	-	-	-	-	1	344	-	-	-	-	-	-	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	1	392	-	-	-	-	-	-	-	-	-	-
3528	-	-	-	-	2	536	-	-	-	-	-	-	-	-
3529	-	-	-	-	1	95	-	-	-	-	-	-	-	-
3531	-	-	-	-	-	-	10	188	-	-	-	-	-	-
3532	-	-	-	-	-	-	-	-	-	-	-	-	1	12
3533	-	-	1	11	-	-	-	-	-	-	-	-	3	45
3538	-	-	-	-	-	-	-	-	-	-	-	-	1	57
3541	-	-	-	-	1	513	-	-	-	-	-	-	1	121
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	-	-	2	153	-	-	-	-	-	-	-	-
3546	-	-	-	-	1	37	3	500	-	-	-	-	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	-	-	1	6	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	2	16
3565	-	-	-	-	1	7	-	-	1	19	-	-	1	6
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4000	-	-	1	4	4	16	47	91	1	9	7	78	-	-
5000	-	-	15	12	48	25	6	9	139	36	282	62	24	5
CUT MO.	-	-	36	687	72	2331	77	1295	143	105	289	139	38	653
CUT YTD	1	21	271	4352	1208	28306	491	11573	283	1713	996	7761	221	5320
1011	-	-	-	-	-	-	-	-	-	7	-	-	-	-
3568	-	-	-	-	1	36	-	-	-	-	1	31	1	3
3569	-	-	3	4	20	35	-	-	6	4	332	69	10	3
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3573	1	5	-	-	-	-	-	-	-	-	-	-	-	-
3575	-	-	-	-	2	203	-	-	-	-	1	8	1	17
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3582	-	-	1	25	1	104	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	1	67	2	88	1	16	-	-	2	35	-	-
3586	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3590	-	-	-	-	3	170	1	8	-	-	1	44	-	-
3594	-	-	-	-	1	189	-	-	-	-	-	-	-	-
3595	-	-	-	-	1	259	-	-	-	-	-	-	-	-
3598	-	-	2	69	2	7	-	-	1	8	-	-	-	-
FRM MO.	1	5	7	165	33	1090	2	24	7	18	337	187	12	22
FRM YTD	1	5	144	958	260	10030	70	1859	86	1126	615	2880	111	8165
TOT MO.	1	5	43	852	105	3421	79	1319	150	123	626	326	50	675
TOT YTD	2	26	415	5311	1468	38335	561	13432	369	2840	1611	10641	332	13486

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
AUGUST 1981

	TURKEY		OTHER ASIA		AUSTRALIA		N. ZEALAND		REP./S.AFR.		OTH. AFRICA		ALL OT CTRY	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	12	233	-	-	-	-	-	-	1	220	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	1	144	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	1	130	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	1	12	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	1	142	-	-	-	-	-	-	-	-	4	250
3264	-	-	-	-	3	889	-	-	-	-	-	-	-	-
3266	-	-	1	50	1	21	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	1	24	-	-	2	45	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	1	91	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	1	9	-	-	-	-	-	-	-	-
3504	-	-	-	-	1	62	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	1	60	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	3	72	-	-	-	-	-	-	-	-	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	1	135	-	-	-	-	-	-	-	-	-	-
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3532	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	9	67	-	-	-	-	1	41	-	-	-	-
3538	-	-	1	12	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3546	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	2	2	5	122	-	-	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	1	8	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	-	-	1	9	-	-	-	-	-	-	3	15	-	-
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	4	47	4	86	-	-	-	-	-	-	-	-
4000	-	-	57	371	8	103	-	-	-	-	6	588	-	-
5000	-		146	94	511	72	-	-	165	63	16	9	750	17
CUT NO.	-	-	242	1535	335	1493	1	24	166	104	29	888	754	267
CUT YTD	40	450	3327	13669	2246	12064	28	175	1933	5553	428	4617	1461	1360
1011	-	-	-	4	-	14	-	1	-	3	-	-	-	-
3568	-	-	4	9	2	245	-	-	7	802	-	-	-	-
3569	-	-	168	44	-	-	17	5	1	2	3	2	-	-
3571	-	-	-	-	1	104	-	-	-	-	-	-	-	-
3573	-	-	1	9	-	-	-	-	1	103	-	-	-	-
3575	-	-	1	8	2	77	-	-	9	206	1	4	-	-
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	-	-	1	4	-	-
3583	-	-	3	42	-	-	-	-	-	-	-	-	-	-
3584	-	-	3	96	-	-	-	-	3	45	-	-	-	-
3588	-	-	-	-	-	-	-	-	5	235	-	-	-	-
3589	-	-	-	-	-	-	-	-	-	-	-	-	1	55
3590	-	-	1	53	2	45	-	-	-	-	-	-	-	-
3594	-	-	1	48	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	1	7
3598	-	-	2	19	2	27	-	-	-	-	1	429	-	-
FRM NO.	-	-	184	332	9	512	17	6	26	1396	6	438	2	61
FRM YTD	15	366	522	16537	206	4662	105	340	211	6671	58	2007	97	1460
TOT NO.	-	-	426	1867	344	2005	18	30	192	1500	35	1326	756	328
TOT YTD	55	8:6	3849	30207	2452	16726	133	516	2144	12225	486	6624	1558	2819

AUGUST 1981 - U.S. EXPORTS OF MACHINE TOOLS
Total and Countries of Destination
The following is a breakdown of the activity by country which is included in the ALL OTHER columns.

	METAL CUTTING UNITS	METAL CUTTING $000	METAL FORMING UNITS	METAL FORMING $000	TOTAL UNITS	TOTAL $000
EUROPE						
AZORES	-	-	-	-	-	-
BULGARIA	-	-	-	-	-	-
CYPRUS	-	-	-	-	-	-
CZECHOSLOVAKIA	-	-	-	-	-	-
E GERMANY	-	-	-	-	-	-
HUNGARY	-	-	-	-	-	-
ICELAND	-	-	-	-	-	-
PORTUGAL	750	17	2	61	752	78
GIBRALTAR	-	-	-	-	-	-
TOTAL	750	17	2	61	752	78
OTHER N.&C.AM						
BAHAMAS	-	-	1	10	1	10
BARBADOS	1	1	-	-	1	1
BELIZE	-	-	-	-	-	-
BERMUDA	-	-	1	4	1	4
CAYMAN	-	-	-	-	-	-
COSTA RICA	-	-	-	-	-	-
DOMINICAN REP.	-	-	11	37	11	37
FR. W. INDIES	-	-	-	-	-	-
GUATEMALA	1	1	1	59	2	61
HAITI	-	-	2	97	2	97
HONDURAS	32	34	1	18	33	52
JAMAICA	1	5	-	-	1	5
LW & WW IS.	14	33	-	-	14	33
NICARAGUA	-	-	-	-	-	-
N. ANTILLES	-	-	-	-	-	-
PANAMA	259	27	1	17	260	43
SALVADOR	-	-	-	-	-	-
TRINIDAD	4	3	2	128	6	131
TOTAL	312	104	20	421	332	525
OTHER S. AMER						
BOLIVIA	1	14	1	1	2	15
ECUADOR	12	93	2	167	14	260
FRENCH GUIANA	-	-	-	-	-	-
GUYANA	17	8	-	-	17	8
PARAGUAY	-	-	-	-	-	-
SURINAM	-	-	-	-	-	-
URUGUAY	-	-	3	2	3	2
TOTAL	30	115	6	171	36	285
OTHER ASIA						
AFGHANISTAN	-	-	-	-	-	-
ADEN	-	-	-	-	-	-
ARAB EMIRATES	52	16	5	2	57	18
BAHRAIN	-	-	-	-	-	-
BANGLADASH	9	67	-	-	9	67
BRUNEI	-	-	-	-	-	-
BURMA	53	316	-	-	53	316
CHINA	3	141	-	-	3	141
GAZA STRIP	-	-	-	-	-	-
HONG KONG	24	522	5	61	29	583
INDONESIA	1	12	2	68	3	79
IRAQ	-	-	-	-	-	-
JORDAN	6	6	-	-	6	6
KUWAIT	2	3	3	5	5	8
LEBANON	3	53	-	-	3	53
MALAYSIA	-	-	3	97	3	97
NEPAL	-	-	-	-	-	-
OMAN	-	-	-	-	-	-
PAKISTAN	1	8	-	-	1	8
QATAR	3	2	-	-	3	2
SAUDI ARABIA	81	179	148	96	229	275
SRI LANKA	-	-	-	-	-	-
SYRIA	-	-	-	-	-	-
THAILAND	4	213	18	3	22	216
YEMEN	-	-	-	-	-	-
TOTAL	242	1535	164	332	426	1867
OTHER OCEANIA						
FR. PAC. IS.	-	-	-	-	-	-
NEW GUINEA	4	250	-	-	4	250
TERR. PAC. IS.	-	-	-	-	-	-
OTH. PAC. IS.	-	-	-	-	-	-
TOTAL	4	250	-	-	4	250
OTHER AFRICA						
BOTSWANA	1	1	-	-	1	1
ALGERIA	-	-	1	1	1	1
ANGOLA	-	-	-	-	-	-
BENIN	-	-	-	-	-	-
CAMEROON	-	-	-	-	-	-
CANARY ISLANDS	-	-	-	-	-	-
DAHOMEY	-	-	-	-	-	-
EGYPT	11	589	-	-	11	589
ETHIOPIA	-	-	-	-	-	-
GABON	-	-	-	-	-	-
GHANA	4	36	1	4	5	40
GUINEA	-	-	-	-	-	-
KENYA	-	-	-	-	-	-
LESOTHO	-	-	-	-	-	-
LIBERIA	-	-	1	4	1	4
LIBYA	2	221	-	-	2	221
MALAWI	-	-	-	-	-	-
MAURITANIA	-	-	-	-	-	-
MOROCCO	-	-	-	-	-	-
MOZAMBIQUE	-	-	-	-	-	-
NIGER	-	-	-	-	-	-
NIGERIA	10	41	1	429	11	470
RWANDA	-	-	-	-	-	-
SENEGAL	-	-	-	-	-	-
SIERRA LEONE	-	-	-	-	-	-
SOMALIA	-	-	-	-	-	-
S. W. AFRICA	-	-	-	-	-	-
SUDAN	-	-	2	1	2	1
SWAZILAND	-	-	-	-	-	-
TANZANIA	-	-	-	-	-	-
TUNISIA	-	-	-	-	-	-
ZIMBABWE	1	1	-	-	1	1
WEST AFRICA	-	-	-	-	-	-
ZAIRE	-	-	-	-	-	-
ZAMBIA	-	-	-	-	-	-
OTH WEST AFR.	-	-	-	-	-	-
IVORY COAST	-	-	-	-	-	-
MAURITIUS	-	-	-	-	-	-
TOGO	-	-	-	-	-	-
TOTAL	29	888	6	438	35	1326

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statistical

REPORT
December 15, 1981

U.S. FOREIGN TRADE IN MACHINE TOOLS
THIRD QUARTER 1981
SEPTEMBER 1981

During the third quarter of 1981, U.S. foreign trade in machine tools produced a trade deficit of $139.2 million compared to $41.7 million during the second quarter of 1981. U.S. imports of $376.9 million were 7% above the second quarter total, while U.S. exports declined 23% to $237.7 million during the third quarter.

Compared to the first nine months of 1980, U.S. machine tool exports increased 45% as imports rose 14%. The resulting year-to-date deficit of $285.5 million is 29% lower than the comparable 1980 deficit of $401.7 million.

U.S. Machine Tool Trade
($Millions)

3rd Qtr. 1981	Exports	Imports	Surplus (Deficit)
Metal Cutting	$169.0	$330.0	($161.0)
Metal Forming	$ 68.7	$ 46.9	$ 21.8
Total	$237.7	$376.9	($139.2)
9 Mos. 1981			
Metal Cutting	$588.3	$ 963.0	($374.7)
Metal Forming	$230.5	$ 141.3	$ 89.2
Total	$818.8	$1,104.3	($285.5)

U.S. EXPORTS of metal cutting machine tools fell 26% during the third quarter, while metal forming type exports declined 17% from the previous quarter. Compared to the first nine months of 1980, metal cutting and metal forming exports increased 66% and 8%, respectively. For January through September 1981, the leading export markets were (in millions): Mexico ($208.4), Canada ($204.3), the United Kingdom ($50.6), Japan ($40.7), and West Germany ($28.5).

Compared to the second quarter of 1981, U.S. IMPORTS of metal cutting machine tools rose 7%, while imports of metal forming types increased 9%. The year-to-date total for metal cutting machines rose 21% from the first nine months of 1980 and metal forming imports declined 19%. The leading sources of machine tool imports during the first nine months of 1981 were (in millions): Japan ($498.6), West Germany ($148.5), the United Kingdom ($108.0) and Taiwan ($73.1).

* * *

national machine tool builders' association
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TWX 710-831 0031 NMTBA MCLN

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RELEASED: DECEMBER 15, 1981

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
SEPTEMBER 1981

		TOTAL YTD		TOTAL MO.		AUSTRIA		BELGIUM	
674:	METAL CUTTING	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	Gear Hobbers	146	13527	13	770	-	-	-	-
3035	Gear Shapers	12	1846	1	310	-	-	-	-
3045	Gear Cutting Machines, N.E.C.	14	2663	2	1011	-	-	-	-
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26'' or Less	808	63782	119	9970	-	-	-	-
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26''	98	13451	17	2229	-	-	-	-
3209	Horizontal Machining Centers, ATC, NC	283	38795	37	7679	-	-	-	-
3211	Machining Centers, NC, N.E.C.	250	23922	14	1182	-	-	-	-
3212	Single Station and Multi-Station Transfer Machines	27	5118	4	579	-	-	-	-
3213	Way Type Machines (Unit Heads)	1	153	-	-	-	-	-	-
3217	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	11	3175	1	438	-	-	-	-
3218	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	-	-	-	-	-	-	-	-
3219	Vertical Boring-Drilling-Milling Machines,NC	21	3717	1	400	-	-	-	-
3222	Horiz. Boring-Drilling-Milling Machines,non-NC	159	15383	13	1421	-	-	-	-
3223	Vertical Boring-Drilling-Milling Machines,non-NC	1476	13578	230	1365	-	-	-	-
3228	Drilling Machines,NC	18	771	5	123	-	-	-	-
3229	Drilling Machines, Multi-Spindle, non-NC	54	3488	13	50	-	-	-	-
3234	Drilling Machines, Radial, non-NC	1150	9272	169	1429	-	-		-
3236	Drilling Machines, Upright, Single Spindle, non-NC	189	1193	14	182	-	-	-	-
3242	Drilling Machines, non-NC, N.E.C.	351	5736	38	269	-	-	-	-
3264	Milling Machines, NC	268	21101	14	674	1	112	-	-
3266	Milling Machines, Profiling, Dupl. & Die Sinking, non-NC	252	3960	26	537	-	-	-	-
3267	Milling Machines, Knee Type, non-NC	3235	23794	330	2423	-	-	-	-
3268	Milling Machines, Bed Type, non-NC	443	13703	47	1151	-	-	-	-
3269	Milling Machines, non-NC, N.E.C.	3630	31917	482	2596	-	-	-	-
3276	Vertical Boring Machines, incl. VTL's, NC	30	4602	7	1425	-	-	-	-
3277	Vertical Boring Machines, incl. VTL's, non-NC	213	6651	62	1025	-	-	-	-
3281	Boring Machines, NC, N.E.C.	12	4190	1	134	-	-	-	-
3283	Boring Machines, non-NC, N.E.C.	263	13011	12	1463	-	-	-	-
3507	Horizontal Lathes, NC, Less Than 25 HP	1404	91047	140	9083	-	-	-	-
3509	Horizontal Lathes, NC, 25-50 HP	950	88054	104	10290	-	-	-	-
3511	Horizontal Lathes, NC, Over 50 HP	183	23499	15	1993	-	-	-	-
3512	Horizontal Engine & Toolroom Lathes, non-NC	5870	55760	594	6251	-	-	-	-
3513	Automatic Chucking Lathes, Single Spindle, non-NC	127	5042	15	290	-	-	-	-
3514	Automatic Chucking Lathes, Multi-Spindle, non-NC	50	6466	1	212	-	-	-	-
3515	Automatic Bar Machines, Single Spindle, non-NC	248	6083	19	738	-	-	-	-
3516	Automatic Bar Machines, Multi-Spindle, non-NC	100	8754	7	698	-	-	-	-
3518	Horizontal Lathes, non-NC, N.E.C.	673	18194	149	2335	-	-	1	138
3521	Vertical Lathes, excl. VTL's, NC	202	19114	35	2642	-	-	-	-
3522	Vertical Lathes, excl. VTL's, non-NC	1738	32223	135	2234	-	-	1	6
3527	Gear Tooth Grinding & Finishing Machines	106	9581	6	476	-	-	-	-
3528	Tool & Cutter Grinding Machines, NC	87	6202	4	197	-	-	-	-
3529	Tool & Cutter Grinding Machines, non-NC	895	14343	90	993	-	-	-	-
3533	Honing & Lapping Machines	141	6839	10	320	-	-	-	-
3539	Grinding Machines, Flat Surface, NC	34	3652	1	218	-	-	-	-
3541	Grinding Machines, Flat Surface Reciprocating Table,non-NC	457	9183	50	1154	-	-	-	-
3543	Grinding Machines, Flat Surface, non-NC, N.E.C.	989	19904	125	1581	-	-	-	-
3546	Grinding & Polishing Machines, NC, N.E.C.	24	2643	3	369	-	-	-	-
3554	External Grinding Machines, non-NC	525	21535	69	2604	-	-	6	304
3556	Internal Grinding Machines, non-NC	75	3688	10	382	-	-	-	-
3558	Grinding, Polishing & Buffing Machines, non-NC, N.E.C.	157	5117	23	685	-	-	-	-
3559	Grinding Machines, non-NC, N.E.C.	631	13984	35	642	-	-	-	-
3562	Traveling Wire Electrical Discharge Machines	271	15004	39	1732	-	-	-	-
3564	All Other Electrical Discharge Machines	118	5744	10	427	-	-	-	-
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	108	4075	-	-	-	-	-	-
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, non-NC	81	4604	10	3342	-	-	-	-
3576	Metal Cutting Machine Tools, NC, N.E.C.	26	2078	2	188	-	-	-	-
3577	Sawing & Cut-off Machines, non-NC	975	10359	78	918	-	-	-	-
3578	Broaching Machines, non-NC	53	4432	6	58	-	-	-	-
3579	Metal Cutting Machine Tools, non-NC, N.E.C.	551	16406	70	3103	-	-	-	-
4000	Metal Cutting Machine Tools, Used or Rebuilt*	3663	35448	580	3994	-	-	6	59
5000	Metal Cutting Machine Tools, Less Than $2500*	615137	51376	90880	6202	519	101	55	54
	TOTAL CUTTING			94987	107199	520	213	72	561
	TOTAL CUTTING YTD	650063	963030			1207	1489	428	8038
674:	METAL FORMING								
1010	Die Casting Machines	123	3319	6	356	-	-		-
3582	Metal Forming Machine Tools, Used or Rebuilt	574	4314	67	620	-	-	-	-
3583	Metal Forming Machine Tools, Less Than $2500	12198	3107	1581	354	-	-	1	a/
3584	Punching & Shearing Machines, incl. Combination, NC	188	21601	18	1725	-	-	-	-
3586	Shearing Machines, non-NC	561	8806	63	986	-	-	-	-
3587	Punching & Combination Punching & Shearing Machines, non-NC	518	7528	64	725	-	-	-	-
3588	Bending, Folding, Straightening & Flattening Machines, NC	26	1837	6	472	-	-	1	204
3589	Press Brakes, non-NC	343	5483	50	849	-	-	6	140
3591	Bending Rolls, Ram & Press Bending Machines, non-NC	167	4498	7	157	-	-	-	-
3592	Bending,Folding,Str. & Flattening Machines, non-NC, N.E.C.	700	11876	45	1208	-	-	5	162
3593	Metal Forming Machine Tools, NC, N.E.C.	13	1780	1	145	-	-	-	-
3594	Mechanical Presses, non-NC	111	7925	13	522	-	-	-	-
3595	Hydraulic Presses, Vertical, Single Action, non-NC	62	2831	3	29	-	-	-	-
3596	Hydraulic & Pneumatic Presses, non-NC, N.E.C.	275	20421	26	1382	-	-	-	-
3597	Headers & Upsetters, non-NC	136	10071	14	1462	-	-	-	-
3598	Forging Machines, non-NC, N.E.C.	28	1354	2	8	-	-	-	-
3599	Metal Forming Machine Tools, non-NC, N.E.C.	695	24507	52	2658	-	-	-	-
	TOTAL FORMING			2018	13662	-	-	13	506
	TOTAL FORMING YTD	16718	141287			2	101	103	6445
	TOTAL ALL TYPES			97005	120861	520	213	85	1067
	TOTAL ALL TYPES YTD	666781	1104317			1209	1590	531	14483

Source: U.S. Department of Commerce, Census Report No. IM146; National Machine Tool Builders' Association.

NOTES: 1) a/Dollar amount less than $500; 2) N.E.C. - Not Elsewhere Classified; 3) Individual items may not add to totals due to rounding.
4) Machine tool imports, as reflected in the government statistics, are actually undervalued since they reflect values in the country of origin and do not include ocean freight, insurance, dealer's commission or import duties.
5) Beginning in January 1980, foreign trade data for die casting machines are included in the metal forming total. U.S. die casting imports are not available for previous years.
*Code 6744000 shown above represents combined data from codes 674:3015,3215,3226,3261,3272,3502,3524 & 3573.
Code 6745000 shown above represents combined data from codes 674:3227,3262,3273,3503,3526 & 3574.

3

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
SEPTEMBER 1981

674	CZECHO. UNITS	CZECHO. $000	DENMARK UNITS	DENMARK $000	E. GERMANY UNITS	E. GERMANY $000	FRANCE UNITS	FRANCE $000	ITALY UNITS	ITALY $000	NETHERLANDS UNITS	NETHERLANDS $000	NORWAY UNITS	NORWAY $000
3025	-	-	-	-	3	114	-	-	-	-	-	-	-	-
3035	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3212	-	-	-	-	-	-	1	206	-	-	-	-	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3222	1	19	-	-	-	-	-	-	-	-	-	-	-	-
3223	2	89	-	-	-	-	1	1	12	101	1	124	-	-
3228	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3229	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3234	-	-	-	-	-	-	-	-	7	105	-	-	-	-
3236	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3242	-	-	-	-	-	-	-	-	1	14	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	1	53	-	-
3266	-	-	-	-	-	-	-	-	4	201	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	1	9	-	-	2	39	1	12	21	296	2	26	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	1	14	1	8	-	-	3	83	-	-	-	-
3281	-	-	-	-	1	134	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3507	-	-	-	-	-	-	1	39	-	-	-	-	-	-
3509	-	-	-	-	-	-	3	170	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	5	35	-	-	-	-	-	-	3	141	3	96	-	
3513	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3514	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3521	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3522	4	35	-	-	-	-	1	52	1	66	-	-	-	-
3527	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	1	3	-	-	-	-	2	101	4	150	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3539	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	1	39	-	-	-	-		-
3543	-	-	-	-	-	-	-	-	26	186	-	-	-	-
3546	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3554	2	33	-	-	-	-	-	-	3	47	2	85	-	-
3556	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3558	2	14	1	5	-	-	-	-	-	-	-	-	-	-
3559	-	-	1	5	3	12	1	3	4	124	-	-	-	
3562	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3564	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3576	-	-	-	-	-	-	-	-	1	65	-	-	-	-
3577	-	-	1	3	-	-	2	12	2	66	-			
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3579	-	-	-	-	-	-	-	-	11	100	-	-	-	-
4000	5	41	-	-	3	20	133	173	10	63	3	190	-	-
5000	1	[illegible]	17	7	1	1	77	46	[illegible]	180	5	12	-	-
CUT MO.	24	278	21	35	14	327	224	852	1283	1988	17	586	-	-
CUT YTD	373	3898	522	1107	114	2404	2154	15109	4628	26551	669	3553	19	63
1010	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	-	-	1	7	-	-
3583	2	1	-	-	-	-	3	1	5	5	-	-	-	-
3584	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3586	-	-	1	27	-	-	2	23	2	13	-	-	-	
3587	-	-	-	-	-	-	-	-	2	30	-	-	-	-
3588	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3589	-	-	1	21	-	-	-	-	-	-	-	-	-	-
3591	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3592	-	-	-	-	-	-	2	98	4	41	-	-	-	-
3593	-	-	-	-	-	-	-	-	1	145	-		-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3596	-	-	-	-	-	-	3	61	4	298	-	-	-	-
3597	-	-	-	-	-	-	-	-	2	122	-	-	-	-
3598	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3599	-	-	-	-	-	-	6	27	4	27	-	-	-	-
FRM MO.	2	1	2	49	-	-	16	211	24	680	1	7	-	-
FRM YTD	2	1	76	1319	2	11	413	2748	957	8829	24	496	12	410
TOT MO.	26	279	23	83	14	327	[illegible]	1062	1307	2668	18	592	-	-
TOT YTD	375	3899	598	2425	116	2416	[illegible]	17857	5585	35380	693	4049	31	473

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
SEPTEMBER 1981

	POLAND		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND		U. KINGDOM		W. GERMANY	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	-	-	-	-	-	-	-	-	-	-	-	-	4	423
3035	-	-	-	-	-	-	-	-	-	-	-	-	1	310
3045	-	-	-	-	-	-	-	-	-	-	-	-	2	1011
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	1	651	-	-	-	-
3211	-	-	-	-	-	-	-	-	1	180	-	-	-	-
3212	-	-	-	-	-	-	-	-	1	253	-	-	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	-	-	-	-	-	-	1	438	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3222	-	-	-	-	-	-	-	-	-	-	2	190	-	-
3223	-	-	-	-	8	34	-	-	2	287	-	-	2	58
3228	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3229	-	-	-	-	-	-	-	-	1	19	-	-	-	-
3234	-	-	16	93	27	198	-	-	-	-	1	10	1	17
3236	-	-	-	-	-	-	1	7	1	40	1	94	6	23
3242	-	-	-	-	4	11	-	-	2	15	4	19	1	8
3264	-	-	-	-	-	-	-	-	-	-	1	35	-	-
3266	-	-	-	-	-	-	-	-	-	-	3	66	12	230
3267	29	316	-	-	68	247	-	-	-	-	56	767	-	-
3268	-	-	-	-	4	111	5	278	-	-	-	-	1	104
3269	-	-	-	-	43	434	4	93	4	146	10	144	1	7
3276	-	-	-	-	-	-	-	-	-	-	1	152	1	965
3277	2	138	-	-	-	-	-	-	1	100	2	82	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	6	894	-	-
3507	-	-	-	-	-	-	-	-	-	-	1	44	3	180
3509	-	-	-	-	-	-	2	216	-	-	-	-	1	175
3511	-	-	-	-	-	-	1	172	-	-	1	195	1	78
3512	26	416	-	-	28	308	-	-	-	-	60	695	-	-
3513	-	-	-	-	-	-	-	-	-	-	6	37	-	-
3514	-	-	-	-	-	-	-	-	-	-	-	-	1	212
3515	-	-	-	-	-	-	-	-	6	194	2	20	4	156
3516	-	-	-	-	-	-	-	-	1	31	5	550	1	118
3518	-	-	-	-	-	-	-	-	1	6	-	-	5	17
3521	-	-	-	-	-	-	-	-	-	-	1	138	1	108
3522	-	-	-	-	3	88	-	-	2	22	5	180	4	277
3527	-	-	-	-	-	-	-	-	2	291	-	-	2	88
3528	-	-	-	-	-	-	-	-	-	-	-	-	4	197
3529	-	-	-	-	-	-	-	-	7	55	8	71	31	305
3533	-	-	-	-	-	-	-	-	2	62	6	62	2	196
3539	-	-	-	-	-	-	-	-	-	-	-	-	1	218
3541	-	-	-	-	-	-	-	-	3	110	-	-	5	64
3543	-	-	-	-	6	35	-	-	3	16	12	301	6	123
3546	-	-	-	-	-	-	2	203	-	-	-	-	-	-
3554	-	-	-	-	-	-	-	-	7	243	16	322	9	407
3556	-	-	-	-	-	-	-	-	-	-	1	25	-	-
3558	-	-	-	-	-	-	-	-	1	190	3	149	10	75
3559	-	-	-	-	-	-	1	4	1	6	5	297	3	22
3562	-	-	-	-	-	-	-	-	12	978	-	-	-	-
3564	-	-	-	-	-	-	-	-	5	76	-	-	4	295
3567	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3571	-	-	-	-	-	-	-	-	1	7	-	-	9	3336
3576	-	-	-	-	-	-	-	-	-	-	-	-	1	124
3577	-	-	-	-	5	39	-	-	3	25	5	98	10	181
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3579	-	-	-	-	-	-	8	42	-	-	14	401	12	2016
4000	5	76	-	-	-	-	6	16	18	221	264	1814	98	1068
5000	-	-	19	30	10	19	120	62	6	8	148	102	865	31
CUT MO.	62	947	35	123	206	1523	150	1180	95	3706	660	8321	1129	12991
CUT YTD	710	11973	215	605	2619	17491	1260	13816	2418	49456	7850	95404	13246	115762
1010	-	-	-	-	-	-	-	-	-	-	1	11	-	
3582	-	-	-	-	1	5	-	-	2	41	34	266	13	268
3583	-	-	-	-	-	-	-	-	78	76	234	71	369	67
3584	-	-	-	-	-	-	-	-	-	-	-	-	2	201
3586	-	-	-	-	4	22	-	-	-	-	11	118	6	48
3587	-	-	-	-	22	112	4	22	-	-	1	8	27	370
3588	-	-	-	-	-	-	-	-	-	-	1	192	1	32
3589	-	-	-	-	4	37	1	26	-	-	3	90	-	-
3591	-	-	-	-	-	-	7	157	-	-	-	-	-	-
3592	-	-	-	-	-	-	8	58	-	-	4	81	6	305
3593	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	2	17	1	12
3596	-	-	-	-	-	-	-	-	-	-	-	-	6	130
3597	-	-	-	-	-	-	-	-	-	-	2	190	7	1005
3598	-	-	-	-	-	-	-	-	-	-	-	-	2	8
3599	-	-	-	-	-	-	1	10	1	35	4	102	13	1496
FRM MO.	-	-	-	-	31	176	15	274	81	152	317	1103	453	3943
FRM YTD	2	9	-	-	179	2033	362	6192	907	10803	1330	12610	2322	32700
TOT MO.	62	947	35	123	237	1699	165	1454	176	3938	977	9425	1582	16934
TOT YTD	712	11982	215	605	2798	19524	1622	20105	2925	60259	9180	108014	15568	148462

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U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
SEPTEMBER 1951

	YUGOSLAVIA		CANADA		INDIA		JAPAN		TAIWAN		AUSTRALIA		ALL OTHERS	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	-	-	-	-	-	-	1	135	-	-	-	-	5	98
3035	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	119	9970	-	-	-	-	-	-
3206	-	-	-	-	-	-	17	2229	-	-	-	-	-	-
3209	-	-	-	-	-	-	36	7028	-	-	-	-	-	-
3211	-	-	-	-	-	-	11	858	1	75	-	-	1	70
3212	-	-	-	-	-	-	2	120	-	-	-	-	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	-	-	-	-	-	-	-	-	1	400
3222	-	-	-	-	-	-	10	1252	-	-	-	-	-	-
3223	-	-	1	5	-	-	8	138	190	167	-	-	3	360
3228	-	-	-	-	-	-	5	123	-	-	-	-	-	-
3229	-	-	-	-	-	-	-	-	12	31	-	-	-	-
3234	-	-	-	-	-	-	40	953	58	337	-	-	19	109
3236	-	-	5	17	-	-	-	-	-	-	-	-	-	-
3242	-	-	-	-	-	-	9	91	11	119	-	-	10	32
3264	-	-	-	-	-	-	11	474	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	7	39	-	-	-	-
3267	-	-	58	620	-	-	5	83	112	344	-	-	2	46
3268	-	-	-	-	-	-	34	624	2	9	-	-	1	25
3269	-	-	-	-	-	-	2	54	387	1193	-	-	34	145
3276	-	-	-	-	-	-	5	708	-	-	-	-	-	-
3277	-	-	-	-	2	23	1	82	13	44	-	-	36	450
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	6	569	-	-	-	-	-	-	-	-	-	-
3507	-	-	-	-	-	-	131	8604	-	-	-	-	4	206
3509	-	-	-	-	-	-	98	9730	-	-	-	-	-	-
3511	-	-	-	-	-	-	12	1948	-	-	-	-	-	-
3512	-	-	13	192	-	-	28	810	241	1648	-	-	178	1910
3513	-	-	-	-	-	-	8	218	1	36	-	-	-	-
3514	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	5	340	-	-	-	-	2	28
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	60	572	-	-	-	-	14	1171	40	176	-	-	28	257
3521	-	-	8	578	-	-	22	1679	-	-	-	-	3	140
3522	-	-	-	-	-	-	15	653	68	421	-	-	31	435
3527	-	-	-	-	-	-	2	97	-	-	-	-	-	-
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	1	17	-	-	9	36	15	66	-	-	12	108
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3539	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	14	576	-	-	-	-	27	365
3543	-	-	-	-	-	-	43	761	27	123	-	-	2	36
3546	-	-	-	-	-	-	1	77	-	-	-	-	-	-
3554	-	-	-	-	-	-	18	976	5	41	-	-	5	66
3556	-	-	-	-	-	-	9	358	-	-	-	-	-	-
3558	-	-	-	-	-	-	6	291	-	-	-	-	-	-
3559	-	-	-	-	1	48	3	27	7	41	-	-	5	56
3562	-	-	-	-	-	-	27	1154	-	-	-	-	-	-
3564	-	-	-	-	-	-	1	56	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3576	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3577	-	-	-	-	-	-	23	440	27	94	-	-	-	-
3578	6	58												
3579	-		6	252	4	40	13	215	2	8	-	-	-	-
4000	-	-	15	118	-	-	6	132	5	1	1	2	2	3
9000	-	-	114	25	-	-	10659	1216	77081	4303	-	-	6	5
CUT MO.	66	630	227	2392	7	140	11475	55646	78282	9317	1	2	417	5348
CUT YTD	300	3874	2510	21322	112	947	60192	457854	543619	72347	4	72	4894	39695
1010	-	-	4	286	-	-	1	60	-	-	-	-	-	-
3582	-	-	15	28	-	-	-	-	-	-	-	-	1	4
3583	-	-	398	31	-	-	308	84	63	3	-	-	100	15
3584	-	-	-	-	-	-	16	1524	-	-	-	-	-	-
3586	-	-	3	76	-	-	24	492	3	25	-	-	7	142
3587	-	-	4	106	-	-	1	17	-	-	-	-	3	60
3588	-	-	3	45	-	-	-	-	-	-	-	-	-	-
3589	-	-	5	165	-	-	24	224	-	-	-	-	6	146
3591	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3592	-	-	14	321	-	-	8	142	-	-	-	-	-	-
3593	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3594	-	-	7	184	-	-	6	338	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3596	-	-	4	64	-	-	8	798	-	-	-	-	1	31
3597	-	-	-	-	-	-	3	186	-	-	-	-	-	-
3598	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3599	-	-	11	305	-	-	7	121	2	464	-	-	3	70
FRM MO.	-	-	468	1613	-	-	406	3985	68	491	-	-	121	468
FRM YTD	-	-	3002	12453	48	118	4658	40738	2390	723	12	13	315	2506
TOT MO.	66	630	695	4006	7	140	11881	59631	78350	9808	1	2	538	5816
TOT YTD	300	3874	5512	33775	160	1066	64850	498592	546009	73070	16	85	5209	42201

SEPTEMBER 1981 - U.S. IMPORTS OF MACHINE TOOLS
Total and Countries of Origin

The following is a breakdown of the activity by country which is included in the ALL OTHER column on page 4.

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
EUROPE						
AZORES	-	-	-	-	-	-
BULGARIA	17	120	-	-	17	120
CYPRUS	-	-	-	-	-	-
FINLAND	-	-	-	-	-	-
GREECE	-	-	-	-	-	-
HUNGARY	1	2	-	-	1	2
ICELAND	-	-	-	-	-	-
IRELAND	-	-	-	-	-	-
ROMANIA	92	1609	-	-	92	1609
USSR	2	32	-	-	2	32
GIBRALTAR	-	-	-	-	-	-
TOTAL	112	1763	-	-	112	1763
OTHER N.&C.AM						
BAHAMAS	-	-	-	-	-	-
BARBADOS	-	-	-	-	-	-
BELIZE	-	-	-	-	-	-
BERMUDA	-	-	-	-	-	-
CAYMAN	-	-	-	-	-	-
COSTA RICA	-	-	-	-	-	-
DOMINICAN REP.	-	-	-	-	-	-
FR. W. INDIES	-	-	-	-	-	-
GUATEMALA	-	-	-	-	-	-
HAITI	-	-	-	-	-	-
HONDURAS	-	-	-	-	-	-
JAMAICA	-	-	-	-	-	-
LW & WW IS.	-	-	-	-	-	-
MEXICO	-	-	-	-	-	-
NICARAGUA	-	-	-	-	-	-
N. ANTILLES	-	-	-	-	-	-
PANAMA	-	-	-	-	-	-
SALVADOR	-	-	-	-	-	-
TRINIDAD	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-
OTHER S. AMER						
ARGENTINA	1	1	-	-	1	1
BOLIVIA	-	-	-	-	-	-
BRAZIL	27	646	-	-	27	646
CHILE	-	-	-	-	-	-
COLOMBIA	-	-	-	-	-	-
ECUADOR	-	-	-	-	-	-
FRENCH GUIANA	-	-	-	-	-	-
GUYANA	-	-	-	-	-	-
PARAGUAY	-	-	-	-	-	-
PERU	-	-	-	-	-	-
SURINAM	-	-	-	-	-	-
URUGUAY	-	-	-	-	-	-
VENEZUELA	-	-	-	-	-	-
TOTAL	28	648	-	-	28	648
OTHER ASIA						
AFGHANISTAN						
ADEN	-	-	-	-	-	-
ARAB EMIRATES	-	-	-	-	-	-
BAHRAIN	-	-	-	-	-	-
BANGLADASH	-	-	-	-	-	-
BRUNEI	-	-	-	-	-	-
BURMA	-	-	-	-	-	-
CHINA	73	482	-	-	73	482
GAZA STRIP	-	-	1	4	1	4
HONG KONG	23	113	-	-	23	113
INDONESIA	-	-	-	-	-	-
IRAN	-	-	-	-	-	-
IRAQ	-	-	-	-	-	-
ISRAEL	-	-	18	432	18	432
JORDAN	-	-	-	-	-	-
KOREAN REP.	83	1276	100	15	183	1290
KUWAIT	-	-	-	-	-	-
LEBANON	-	-	-	-	-	-
MALAYSIA	-	-	-	-	-	-
NEPAL	-	-	-	-	-	-
OMAN	-	-	-	-	-	-
PAKISTAN	-	-	-	-	-	-
PHILLIPINES	-	-	-	-	-	-
QATAR	-	-	-	-	-	-
SAUDI ARABIA	-	-	-	-	-	-
SINGAPORE	97	1052	-	-	97	1052
SRI LANKA	-	-	-	-	-	-
SYRIA	-	-	-	-	-	-
THAILAND	-	-	-	-	-	-
TURKEY	-	-	-	-	-	-
YEMEN	-	-	-	-	-	-
TOTAL	276	2923	119	450	395	3373

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER OCEANIA						
FR. PAC. IS.	-	-	-	-	-	-
NEW GUINEA	-	-	-	-	-	-
NEW ZEALAND	-	-	2	18	2	18
TERR. PAC. IS.	-	-	-	-	-	-
OTH. PAC. IS.	-	-	-	-	-	-
TOTAL	-	-	2	18	2	18
OTHER AFRICA						
BOTSWANA	-	-	-	-	-	-
ALGERIA	-	-	-	-	-	-
ANGOLA	-	-	-	-	-	-
BENIN	-	-	-	-	-	-
CAMEROON	-	-	-	-	-	-
CANARY ISLANDS	-	-	-	-	-	-
DAHOMEY	-	-	-	-	-	-
EGYPT	-	-	-	-	-	-
ETHIOPIA	-	-	-	-	-	-
GABON	-	-	-	-	-	-
GHANA	-	-	-	-	-	-
GUINEA	-	-	-	-	-	-
KENYA	-	-	-	-	-	-
LESOTHO	-	-	-	-	-	-
LIBERIA	-	-	-	-	-	-
LIBYA	-	-	-	-	-	-
MALAWI	-	-	-	-	-	-
MAURITANIA	-	-	-	-	-	-
MOROCCO	-	-	-	-	-	-
MOZAMBIQUE	-	-	-	-	-	-
NIGER	-	-	-	-	-	-
NIGERIA	-	-	-	-	-	-
REP. S. AFRICA	-	-	-	-	-	-
RWANDA	-	-	-	-	-	-
SENEGAL	-	-	-	-	-	-
SIERRA LEONE	-	-	-	-	-	-
SOMALIA	-	-	-	-	-	-
S. W. AFRICA	-	-	-	-	-	-
SUDAN	-	-	-	-	-	-
SWAZILAND	-	-	-	-	-	-
TANZANIA	-	-	-	-	-	-
TUNISIA	-	-	-	-	-	-
ZIMBABWE	-	-	-	-	-	-
WEST AFRICA	-	-	-	-	-	-
ZAIRE	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
SEPTEMBER 1981

RELEASED: DECEMBER 15, 1981

Code	Type of Machine	TOTAL YTD UNITS	TOTAL YTD $000	TOTAL MO. UNITS	TOTAL MO. $000	AUSTRIA UNITS	AUSTRIA $000	BELGIUM UNITS	BELGIUM $000
674:	METAL CUTTING								
3020	Gear Hobbers & Shapers	197	20278	11	1101	-	-	-	-
3045	Gear Cutting Machines, N.E.C.	258	28774	26	2651	-	-	-	-
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26'' or Less	46	4433	3	349	-	-	-	-
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26''	21	5246	1	389	-	-	-	-
3209	Horizontal Machining Centers, ATC, NC	93	23062	8	2877	-	-	-	-
3211	Machining Centers, NC, N.E.C.	102	12288	7	660	-	-	-	-
3216	Single Station and Multi-Station Transfer Machines	207	81138	6	3316	-	-	-	-
3225	Way Type Machines (Unit Heads)	15	2302	2	623	-	-	-	-
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	15	7671	-	-	-	-	-	-
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	2	631	-	-	-	-	-	-
3247	Vertical Boring-Drilling-Milling Machines, NC	41	3747	1	42	-	-	-	-
3248	Horiz. Boring-Drilling-Milling Machines, non-NC	19	2384	5	546	-	-	-	-
3249	Vertical Boring-Drilling-Milling Machines, non-NC	470	36966	6	92	-	-	-	-
3254	Drilling Machines, NC	20	3047	1	194	-	-	-	-
3255	Drilling Machines, Multi-Spindle, non-NC	81	6574	6	691	-	-	-	-
3256	Drilling Machines, Radial, non-NC	49	1391	10	140	-	-	-	-
3257	Drilling Machines, Upright, Single Spindle, non-NC	91	2830	4	118	-	-	-	-
3258	Drilling Machines, non-NC, N.E.C.	250	5972	9	172	-	-	-	-
3264	Milling Machines, NC	37	15930	5	3364	-	-	-	-
3266	Milling Machines, Profiling, Dupl. & Die Sinking, non-NC	61	5496	4	62	-	-	-	-
3267	Milling Machines, Knee Type, non-NC	8	408	-	-	-	-	-	-
3268	Milling Machines, Bed Type, non-NC	15	1558	1	147	-	-	-	-
3269	Milling Machines, non-NC, N.E.C.	120	4965	17	534	-	-	-	-
3276	Vertical Boring Machines, incl. VTL's, NC	22	4843	2	640	-	-	-	-
3277	Vertical Boring Machines, incl. VTL's, non-NC	97	10467	6	905	-	-	-	-
3281	Boring Machines, NC, N.E.C.	7	1027	-	-	-	-	-	-
3283	Boring Machines, non-NC, N.E.C.	56	3208	8	325	-	-	-	-
3504	Horizontal Lathes, NC, Less Than 25 HP	86	6033	10	756	-	-	-	-
3506	Horizontal Lathes, NC, 25-50 HP	35	6399	5	565	-	-	-	-
3508	Horizontal Lathes, NC, Over 50 HP	10	3448	-	-	-	-	-	-
3510	Horizontal Engine & Toolroom Lathes, non-NC	228	4441	15	315	-	-	-	-
3511	Automatic Chucking Lathes, Single Spindle, non-NC	42	6351	4	679	-	-	-	-
3512	Automatic Chucking Lathes, Multi-Spindle, non-NC	33	4191	1	33	-	-	-	-
3515	Automatic Bar Machines, Single Spindle, non-NC	59	2267	12	72	-	-	-	-
3516	Automatic Bar Machines, Multi-Spindle, non-NC	75	6877	6	592	-	-	-	-
3518	Horizontal Lathes, non-NC, N.E.C.	421	14647	28	772	-	-	1	10
3519	Vertical Lathes, excl. VTL's, NC	20	3183	2	375	-	-	-	-
3525	Vertical Lathes, excl. VTL's, non-NC	167	15049	33	2624	-	-	-	-
3528	Grinding, Polishing, Honing & Lapping Machines, NC	91	15283	7	917	-	-	-	-
3529	Gear Tooth Grinding & Finishing Machines, non-NC	91	16135	8	1090	-	-	-	-
3531	Tool & Cutter Grinding Machines, non-NC	325	7671	20	1847	-	-	-	-
3532	Honing & Lapping Machines, non-NC	382	7295	23	343	-	-	-	-
3533	Grinding Machines, Flat Surface Reciprocating Table, non-NC	181	3212	27	540	-	-	-	-
3538	Grinding Machines, Flat Surface, non-NC, N.E.C.	221	17412	49	3980	-	-	-	-
3541	External Grinding Machines, non-NC	87	13431	7	709	-	-	-	-
3542	Internal Grinding Machines, non-NC	24	2926	5	881	-	-	-	-
3544	Grinding, Polishing & Buffing Machines, non-NC, N.E.C.	222	8750	15	695	-	-	-	-
3546	Grinding Machines, non-NC, N.E.C.	576	22623	75	2096	-	-	-	-
3547	Traveling Wire Electrical Discharge Machines	45	1501	2	5	-	-	-	-
3549	All Other Electrical Discharge Machines	213	2884	8	24	-	-	-	-
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	4	460	-	-	-	-	-	-
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, non-NC	40	853	4	177	-	-	-	-
3559	Metal Cutting Machine Tools, NC, N.E.C.	100	3436	8	417	-	-	-	-
3565	Sawing & Cut-off Machines, non-NC	577	9603	45	565	-	-	-	-
3566	Broaching Machines, non-NC	211	13497	3	909	-	-	-	-
3567	Metal Cutting Machine Tools, non-NC, N.E.C.	539	16487	50	1060	-	-	3	76
4000	Metal Cutting Machine Tools, Used or Rebuilt*	3706	39608	211	3528	-	-	-	-
5000	Metal Cutting Machine Tools, Less Than $2500*	51904	15629	4646	1422	-	-	-	-
	TOTAL CUTTING			5478	47934	-	-	4	86
	TOTAL CUTTING YTD	63115	588338			17	919	2416	1378
674:	METAL FORMING								
1011	Die Casting Machines & Parts	-	12341	-	1142	-	16	-	33
3568	Metal Forming Machine Tools, Used or Rebuilt	1167	15172	102	1650	-	-	-	-
3569	Metal Forming Machine Tools, Less Than $2500	7692	5000	752	524	-	-	-	-
3571	Punching & Shearing Machines, incl. Combination, NC	82	9866	4	791	-	-	-	-
3573	Shearing Machines, non-NC	107	6066	8	137	-	-	-	-
3575	Punching & Combination Punching & Shearing Machines, non-NC	715	16408	43	1024	-	-	-	-
3578	Bending, Folding, Straightening & Flattening Machines, NC	156	9850	23	2017	-	-	-	-
3582	Press Brakes, non-NC	118	4926	1	34	-	-	-	-
3583	Bending Rolls, Ram & Press Bending Machines, non-NC	42	2296	-	-	-	-	-	-
3584	Bending,Folding,Str. & Flattening Machines, non-NC, N.E.C.	608	18006	47	1634	-	-	-	-
3588	Mechanical Presses, non-NC	349	17935	27	1367	-	-	-	-
3589	Hydraulic Presses, Vertical, Single Action, non-NC	91	12161	4	887	-	-	-	-
3590	Hydraulic & Pneumatic Presses, non-NC, N.E.C.	466	31938	40	3621	-	-	-	-
3594	Headers & Upsetters, non-NC	57	5272	12	549	-	-	-	-
3595	Forging Machines, non-NC, N.E.C.	134	11435	9	1328	-	-	-	-
3598	Metal Forming Machine Tools, non-NC, N.E.C.	1060	51736	95	5343	-	-	-	-
	TOTAL FORMING			1167	22054	-	-	-	-
	TOTAL FORMING YTD	12844	230461			3	108	96	1018
	TOTAL ALL TYPES			6645	69988	-	-	4	119
	TOTAL ALL TYPES YTD	75959	818799			20	1027	2512	2396

Source: U.S. Department of Commerce, Census Report No. EM522; National Machine Tool Builders' Association.

NOTES: 1) a/Dollar amount less than $500; 2) N.E.C. - Not Elsewhere Classified; 3) Individual items may not add to totals due to rounding
4) Beginning in January 1980, foreign trade data for die casting machines are included in the metal forming total.
For 1979, U.S. die casting exports were $9,584,000.

*Code 6744000 shown above represents combined data from codes 674:3015,3241,3252,3261,3272,3501,3526 & 3554.
Code 6745000 shown above represents combined data from codes 674:3243,3253,3262,3273,3502,3527 & 3557.

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
SEPTEMBER 1981

	DENMARK		FINLAND		FRANCE		GREECE		IRELAND		ITALY		NETHERLANDS	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	1	356	-	-
3204	-	-	-	-	1	99	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	2	63	-	-
3258	-	-	-	-	-	-	-	-	-	-	1	48	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	1	14	-	-	1	809	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	5	201	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	-	-	-	-	1	8
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	-	-	1	35	-	-	-	-
3526	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	-	-	-	-	2	1352	-	-	-	-	-	-	-	-
3532	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	-	-	2	24	-	-	-	-	-	-	-	-
3538	-	-	-	-	1	194	-	-	1	5	-	-	-	-
3541	-	-	-	-	-	-	-	-	1	35	-	-	-	-
3542	-	-	-	-	4	617	-	-	-	-	-	-	-	-
3544	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3546	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	2	51	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	6	111	-	-	-	-	1	10	1	127
4000					1	4			-	-	-	-	-	
5000	-	-	9	17	-	-	-	-	3	2	511	84	-	-
CUT MO.	-	-	9	17	22	2602	1	14	6	76	519	1421	2	135
CUT YTD	15	506	48	1247	377	16510	32	280	604	2818	749	7898	2807	1300
1011	-	-	-	-	-	12	-	-	-	-	-	11	-	-
3568	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3569	-	-	-	-	19	6	-	-	-	-	-	-	-	-
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3575	-	-	-	-	3	102	-	-	1	4	1	92	-	-
3578	1	26	-	-	1	29	-	-	-	-	1	22	2	51
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3588	-	-	1	30	-	-	-	-	-	-	-	-	1	31
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3590	-	-	-	-	-	-	-	-	-	-	-	-	2	150
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3598	-	-	-	-	1	29	-	-	-	-	-	-	-	-
FRM MO.	1	26	1	30	24	176	-	-	1	4	2	124	5	232
FRM YTD	40	763	17	536	327	6243	7	1093	60	7409	107	5979	141	2105
TOT MO.	1	26	10	47	46	2779	1	14	7	80	521	1546	7	367
TOT YTD	55	1269	65	1783	704	22753	39	1373	664	10227	856	13877	2948	3404

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
SEPTEMBER 1981

	NORWAY		POLAND		ROMANIA		SPAIN		SWEDEN		SWITZERLAND		U. KINGDOM	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	1	89
3204	-	-	-	-	-	-	-	-	-	-	-	-	1	106
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	2	628	-	-	2	1244
3211	-	-	-	-	-	-	3	230	1	209	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	2	169	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	1	9
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	2	12	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	-	-	3	82	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	1	130
3277	-	-	-	-	-	-	-	-	-	-	-	-	1	11
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	4	361
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	-	-	-	-	1	8
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	-	-	-	-	2	17
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3528	-	-	-	-	-	-	1	57	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3532	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	3	33	-	-
3538	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	2	142
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3546	-	-	-	-	-	-	-	-	-	-	2	147	2	19
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	1	41		
4000	-	-	-	-	-	-	-	-	-	-	5	12	4	99
5000	-	-	-	-	-	-	1	1	8	13	103	5	117	53
CUT MO.	-	-	-	-	-	-	5	288	13	1020	119	332	139	2287
CUT YTD	19	209	-	-	6	972	125	2710	218	2320	600	6858	1845	36605
1011	-	-	-	-	-	-	-	-	-	-	-	-	-	58
3568	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3569	-	-	-	-	-	-	-	-	2	1	-	-	8	7
3571	-	-	-	-	-	-	1	201	-	-	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3575	-	-	-	-	-	-	1	3	-	-	-	-	5	76
3578	-	-	-	-	-	-	1	597	-	-	-	-	2	44
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	-	-	-	-	-	-	-	-	-	-	1	14
3588	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3590	-	-	-	-	-	-	-	-	-	-	-	-	1	11
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3598	-	-	-	-	-	-	1	138	-	-	-	-	19	513
FRM MO.	-	-	-	-	-	-	4	939	2	1	-	-	36	722
FRM YTD	18	237	-	-	-	-	20	3336	63	1318	123	932	623	13950
TOT MO.	-	-	-	-	-	-	9	1227	15	1021	119	332	175	3010
TOT YTD	37	447	-	-	6	972	145	6046	281	3637	723	7789	2468	50555

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U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
SEPTEMBER 1981

	USSR		W. GERMANY		YUGOSLAVIA		CANADA		MEXICO		OTH. N&C AM		ARGENTINA	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	-	-	11	1101	-	-	-	-	-	-
3045	-	-	5	681	-	-	3	1069	11	309	-	-	-	-
3204	-	-	-	-	-	-	1	144	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	1	408	1	123	-	-	-	-
3211	-	-	-	-	-	-	-	-	1	24	-	-	-	-
3216	-	-	-	-	-	-	3	2763	3	552	-	-	-	-
3225	-	-	-	-	-	-	2	623	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	1	42	-	-	-	-	-	-
3248	-	-	-	-	-	-	2	472	-	-	-	-	-	-
3249	-	-	-	-	-	-	2	46	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	1	194	-	-	-	-
3255	-	-	-	-	-	-	2	399	2	122	-	-	-	-
3256	-	-	-	-	-	-	-	-	9	131	-	-	-	-
3257	-	-	1	47	-	-	1	8	-	-	-	-	-	-
3258	-	-	-	-	-	-	2	19	3	28	-	-	-	-
3264	-	-	-	-	-	-	1	2240	3	1007	-	-	-	-
3266	-	-	-	-	-	-	1	18	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	1	147	-	-	-	-	-	-
3269	-	-	-	-	-	-	2	85	4	171	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	1	510
3277	-	-	-	-	-	-	-	-	1	31	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	1	40	-	-	-	-
3304	-	-	4	250	-	-	4	363	-	-	-	-	-	-
3506	-	-	-	-	-	-	1	204	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	6	64	3	30	-	-	-	-
3511	-	-	-	-	-	-	2	66	2	613	-	-	-	-
3512	-	-	-	-	-	-	-	-	1	33	-	-	-	-
3515	-	-	-	-	-	-	-	-	11	31	-	-	-	-
3516	-	-	-	-	-	-	3	463	1	78	-	-	-	-
3518	-	-	2	7	-	-	7	216	13	506	2	7	-	-
3519	-	-	-	-	-	-	1	39	-	-	-	-	-	-
3525	-	-	-	-	-	-	1	169	25	2121	-	-	2	200
3528	-	-	1	245	-	-	1	31	-	-	-	-	-	-
3529	1	691	-	-	-	-	3	182	2	30	-	-	-	-
3531	-	-	-	-	-	-	7	41	6	219	-	-	-	-
3532	-	-	15	213	-	-	1	110	7	19	-	-	-	-
3533	-	-	-	-	-	-	12	144	1	24	-	-	-	-
3538	-	-	1	109	-	-	2	266	25	2526	-	-	-	-
3541	-	-	-	-	-	-	1	163	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	-	-	-	-	3	98	2	28	-	-	-	-
3546	-	-	1	3	-	-	9	55	28	1029	-	-	-	-
3547	-	-	-	-	-	-	2	5	-	-	-	-	-	-
3549	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	6	382	-	-	-	-	2	35	-	-	-	-
3565	-	-	2	7	-	-	22	348	4	56	2	7	-	-
3566	-	-	-	-	-	-	3	909	-	-	-	-	-	-
3567	-	-	-	-	-	-	17	116	4	444	-	-	-	-
4000	-	-	-		-	-	41	996	104	2000	13	52	6	20
5000	-	-	21	26	1	1	1819	384	51	47	37	19	-	-
CUT MO.	1	691	59	1970	1	1	2004	15014	332	12599	54	85	9	730
CUT YTD	31	14615	1421	22260	26	1768	20872	167456	8433	162409	3073	2130	135	3405
1011	-	-	-	3	-	-	-	241	-	110	-	57	-	-
3568	-	-	-	-	-	-	27	192	63	1231	-	-	-	-
3569	-	-	38	22	-	-	167	126	52	51	20	6	1	2
3571	-	-	-	-	-	-	1	373	2	217	-	-	-	-
3573	-	-	-	-	-	-	-	-	2	40	-	-	1	13
3575	-	-	2	22	-	-	5	193	12	295	1	4	-	-
3578	-	-	3	146	-	-	1	18	4	153	-	-	-	-
3582	-	-	-	-	-	-	-	-	1	34	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	-	-	-	-	18	452	11	778	-	-	1	3
3588	2	183	-	-	-	-	6	345	6	292	-	-	-	-
3589	-	-	-	-	-	-	-	-	1	35	-	-	-	-
3590	-	-	1	79	-	-	16	1367	4	304	-	-	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	3	43
3595	-	-	-	-	-	-	3	1019	5	263	-	-	-	-
3598	-	-	11	189	-	-	8	118	22	783	-	-	4	259
FRM MO.	2	183	55	461	-	-	252	4442	185	4585	21	67	10	319
FRM YTD	53	1359	464	6255	7	2992	3672	36803	2338	45985	217	1887	87	2519
TOT MO.	3	874	114	2431	1	1	2256	19457	517	17183	75	151	19	1050
TOT YTD	84	15975	1885	28515	33	4760	24544	204259	10771	208394	3290	4017	222	5923

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
SEPTEMBER 1981

	BRAZIL		CHILE		COLOMBIA		PERU		VENEZUELA		OTH. S. AM.		INDIA	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	2	475	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	3	75
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	1	33
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	1	7	1	74	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	1	22	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	1	69	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	1	32	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	1	41
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	-	-	3	40	-	-	1	59
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3532	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3538	1	219	-	-	-	-	-	-	-	-	-	-	1	25
3541	1	172	-	-	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	4	312	-	-	-	-	-	-	-	-	1	5	-	-
3546	-	-	-	-	-	-	-	-	7	32	14	82	4	662
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	1	114	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	-	-	-	-	-	-	-	-	1	13	-	-	-	-
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	7	60	-	-	-	-	-	-	6	24
4000	-	-	-	-	-	-	4	17	6	92				
5000	1	2	906	27	26	13	2	3	122	108	155	30	20	2
CUT MO.	9	1179	906	27	33	74	6	20	143	461	172	260	37	919
CUT YTD	434	10695	2564	1096	402	1848	75	470	1336	6365	427	1912	201	6710
1011	-	433	-	2	-	-	-	6	-	86	-	2	-	-
3568	-	-	-	-	1	5	-	-	3	23	-	-	-	-
3569	-	-	-	-	10	7	-	-	156	110	3	4	9	5
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3573	-	-	-	-	1	2	-	-	-	-	-	-	-	-
3575	-	-	1	20	-	-	-	-	-	-	2	121	-	-
3578	3	289	-	-	-	-	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	-	-	-	-	1	43	2	42	-	-	-	-
3588	-	-	-	-	-	-	-	-	1	21	1	19	-	-
3589	-	-	-	-	-	-	-	-	-	-	-	-	2	838
3590	1	1400	-	-	-	-	10	146	1	9	-	-	3	116
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	1	46	-	-	-	-	-	-	-	-	-	-	-	-
3598	5	307	-	-	-	-	1	30	4	547	-	-	-	-
FRM MO.	10	2475	1	22	12	14	12	225	167	837	6	146	14	958
FRM YTD	59	8683	52	585	132	1891	204	1943	666	5773	329	2161	74	4466
TOT MO.	19	3654	907	49	45	88	18	245	310	1297	178	405	51	1877
TOT YTD	493	19378	2616	1681	534	3739	279	2414	2002	12138	756	4073	275	11175

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U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
SEPTEMBER 1981

	IRAN UNITS	IRAN $000	ISRAEL UNITS	ISRAEL $000	JAPAN UNITS	JAPAN $000	KOREAN REP. UNITS	KOREAN REP. $000	PHILLIPINES UNITS	PHILLIPINES $000	SINGAPORE UNITS	SINGAPORE $000	TAIWAN UNITS	TAIWAN $000
674:														
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	4	110	-	-	-	-	-	-	-	-	1	38
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	1	170	-	-	-	-	-	-	1	27	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	3	21	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	2	74	-	-	-	-	2	20	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	1	18	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	1	5	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	1	74
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	2	51	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3528	-	-	-	-	1	251	-	-	-	-	1	187	1	18
3529	-	-	-	-	2	187	-	-	-	-	-	-	-	-
3531	-	-	-	-	2	123	-	-	-	-	1	47	1	41
3532	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	2	29	-	-
3538	-	-	-	-	1	23	13	483	1	8	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	2	198	-	-
3542	-	-	-	-	1	264	-	-	-	-	-	-	-	-
3544	-	-	-	-	2	176	-	-	-	-	-	-	1	4
3546	-	-	-	-	-	-	5	20	-	-	-	-	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	6	11	-	-	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	1	12	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	-	-	-	-	6	36	1	10	1	9	-	-	-	-
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	1	24	-	-	-	-	-	-	1	2	-	-
4000	-	-	-	-	3	26	10	40	-	-			-	-
5000	-	-	5	6	9	10	5	2	20	31	63	33	7	3
CUT MO.	-	-	13	384	38	1176	35	567	24	68	73	545	12	177
CUT YTD	1	21	284	4736	1246	29482	526	12140	307	1781	1069	8306	233	5498
1011	-	-	-	-	-	2	-	-	-	6	-	-	-	38
3568	-	-	-	-	6	9	1	162	-	-	-	-	-	-
3569	-	-	1	1	-	-	-	-	16	12	-	-	9	7
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3575	-	-	-	-	1	22	-	-	-	-	1	4	-	-
3578	-	-	1	600	1	16	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	-	-	2	56	2	11	-	-	2	25	1	18
3588	-	-	-	-	1	55	3	258	-	-	-	-	-	-
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3590	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3594	-	-	-	-	9	505	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3598	-	-	1	57	4	481	-	-	-	-	-	-	-	-
FRM MO.	-	-	3	659	24	1145	6	431	16	18	3	29	10	63
FRM YTD	1	5	147	1617	284	11175	76	2290	102	1144	618	2909	121	8228
TOT MO.	-	-	16	1042	62	2322	41	998	40	85	76	574	22	240
TOT YTD	2	26	431	6353	1530	40657	602	14430	409	2925	1687	11215	354	13726

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
SEPTEMBER 1981

	TURKEY		OTHER ASIA		AUSTRALIA		N. ZEALAND		REP./S.AFR.		OTH. AFRICA		ALL OT CTRY	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	1	389	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	1	25
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	2	69	1	9	-	-	-	-	-	-	-	-
3264	-	-	-	-	1	117	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	1	11	1	12	-	-	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	1	79	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	4	182	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3519	-	-	1	337	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3528	1	128	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	-	-	1	25	-	-	-	-	-	-	-	-	-	-
3532	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	7	266
3538	-	-	-	-	2	123	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	1	68	-	-	-	-	-	-	-	-	-	-
3546	1	8	2	40	-	-	-	-	-	-	1	4	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	2	14	-	-	-	-	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	-	-	1	10	1	4	-	-	3	56	1	9	-	-
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	2	26	-	-	-	-	-	-	-	-	-	-
4000	3	50	9	85	1	2	-	-	1	33	-	-	-	-
5000	-	-	300	239	40	16	6	4	160	187	63	44	55	10
CUT MO.	5	186	322	923	49	750	6	4	168	458	65	56	63	322
CUT YTD	45	636	3649	14592	2295	12814	34	179	2101	6012	493	4673	1524	1682
1011	-	-	-	3	-	10	-	1	-	9	-	5	-	-
3568	1	29	-	-	-	-	-	-	-	-	-	-	-	-
3569	7	1	196	143	25	10	11	5	-	-	1	1	1	1
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3573	-	-	-	-	-	-	-	-	4	82	-	-	-	-
3575	-	-	-	-	4	57	2	6	1	4	-	-	-	-
3578	-	-	1	13	-	-	-	-	-	-	1	14	-	-
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	4	181	-	-	-	-	2	12	-	-	-	-
3588	-	-	-	-	-	-	-	-	5	135	-	-	-	-
3589	-	-	1	15	-	-	-	-	-	-	-	-	-	-
3590	-	-	-	-	-	-	-	-	-	-	1	40	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3598	-	-	1	685	2	90	-	-	3	87	8	1030	-	-
FRM MO.	8	30	203	1040	31	167	13	11	15	328	11	1090	1	1
FRM YTD	23	396	725	17578	237	4829	118	352	226	7000	69	3097	98	1461
TOT MO.	13	216	525	1963	80	917	19	15	183	787	76	1146	64	323
TOT YTD	68	1032	4374	32170	2532	17643	152	531	2327	13012	562	7770	1622	3142

SEPTEMBER 1981 - U.S. EXPORTS OF MACHINE TOOLS
Total and Countries of Destination
The following is a breakdown of the activity by country which is included in the ALL OTHER columns.

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
EUROPE						
AZORES	-	-	-	-	-	-
BULGARIA	-	-	-	-	-	-
CYPRUS	-	-	-	-	-	-
CZECHOSLOVAKIA	-	-	-	-	-	-
E GERMANY	-	-	-	-	-	-
HUNGARY	-	-	-	-	-	-
ICELAND	25	2	-	-	25	2
PORTUGAL	38	319	1	1	39	320
GIBRALTAR	-	-	-	-	-	-
TOTAL	63	322	1	1	64	323
OTHER N.&C.AM						
BAHAMAS	-	-	-	-	-	-
BARBADOS	-	-	-	-	-	-
BELIZE	-	-	-	-	-	-
BERMUDA	-	-	-	-	-	-
CAYMAN	-	-	-	-	-	-
COSTA RICA	5	40	-	-	5	40
DOMINICAN REP.	2	1	1	1	3	2
FR. W. INDIES	-	-	-	-	-	-
GUATEMALA	2	7	-	-	2	7
HAITI	2	2	-	-	2	2
HONDURAS	-	-	-	-	-	-
JAMAICA	9	6	-	-	9	9
LW & WW IS.	8	17	17	7	25	24
NICARAGUA	-	-	-	-	-	-
N. ANTILLES	-	-	-	-	-	-
PANAMA	22	10	1	1	23	11
SALVADOR	-	-	2	53	2	53
TRINIDAD	4	1	-	-	4	4
TOTAL	54	85	21	67	75	151
OTHER S. AMER						
BOLIVIA	-	-	-	-	-	-
ECUADOR	74	178	5	126	79	304
FRENCH GUIANA	-	-	-	-	-	-
GUYANA	-	-	-	-	-	-
PARAGUAY	-	-	-	-	-	-
SURINAM	2	79	1	19	3	98
URUGUAY	96	3	-	-	96	3
TOTAL	172	260	6	146	178	405
OTHER ASIA						
AFGHANISTAN	-	-	-	-	-	-
ADEN	-	-	-	-	-	-
ARAB EMIRATES	62	121	-	-	62	121
BAHRAIN	10	16	-	-	10	16
BANGLADASH	-	-	-	-	-	-
BRUNEI	-	-	-	-	-	-
BURMA	-	-	-	-	-	-
CHINA	-	-	2	99	2	99
GAZA STRIP		-	-	-	-	-
HONG KONG	52	141	3	19	55	160
INDONESIA	3	2	-	-	3	2
IRAQ	-	-	-	-	-	-
JORDAN	7	7	-	-	7	7
KUWAIT	24	42	1	13	25	55
LEBANON	-	-	-	-	-	-
MALAYSIA	1	3	-	-	1	3
NEPAL	-	-	-	-	-	-
OMAN	6	3	-	-	6	3
PAKISTAN	2	76	1	50	3	125
QATAR	-	-	-	-	-	-
SAUDI ARABIA	155	514	166	816	321	1330
SRI LANKA	-	-	-	-	-	-
SYRIA	-	-	-	-	-	-
THAILAND	-	-	30	43	30	43
YEMEN	-	-	-	-	-	-
TOTAL	322	923	203	1040	525	1963

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER OCEANIA						
FR. PAC. IS.	-	-	-	-	-	-
NEW GUINEA	-	-	-	-	-	-
TERR. PAC. IS.		-	-	-	-	-
OTH. PAC. IS.	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-
OTHER AFRICA						
BOTSWANA	-	-	-	-	-	-
ALGERIA	-	-	-	-	-	-
ANGOLA	-	-	-	-	-	-
BENIN	-	-	-	-	-	-
CAMEROON	-	-	-	-	-	-
CANARY ISLANDS	-	-	-	-	-	-
DAHOMEY	-	-	-	-	-	-
EGYPT	23	20	1	5	24	25
ETHIOPIA	-	-	-	-	-	-
GABON	-	-	-	-	-	-
GHANA	-	-	-	-	-	-
GUINEA	-	-	-	-	-	-
KENYA	20	6	-	-	20	6
LESOTHO	-	-	-	-	-	-
LIBERIA	-	-	-	-	-	-
LIBYA	-	-	-	-	-	-
MALAWI	-	-	-	-	-	-
MAURITANIA	-	-	-	-	-	-
MOROCCO	-	-	-	-	-	-
MOZAMBIQUE	-	-	-	-	-	-
NIGER	-	-	-	-	-	-
NIGERIA	12	14	10	1084	22	1099
RWANDA	-	-	-	-	-	-
SENEGAL	-	-	-	-	-	-
SIERRA LEONE	-	-	-	-	-	-
SOMALIA	-	-	-	-	-	-
S. W. AFRICA	-	-	-	-	-	-
SUDAN	-	-	-	-	-	-
SWAZILAND	-	-	-	-		-
TANZANIA	-	-	-	-	-	-
TUNISIA	-	-	-	-	-	-
ZIMBABWE	10	16	-	-	10	16
WEST AFRICA	-	-	-	-	-	-
ZAIRE	-	-	-	-	-	-
ZAMBIA	-	-	-	-	-	-
OTH WEST AFR.	-	-	-	-	-	-
IVORY COAST						
MAURITIUS	-	-	-	-	-	-
TOGO	-	-	-	-	-	-
TOTAL	65	56	11	1090	76	1146

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REPORT
February 4, 1982

U.S. FOREIGN TRADE IN MACHINE TOOLS
OCTOBER 1981

During October 1981, U.S. foreign trade in machine tools resulted in a $56.1 million deficit bringing the 10-month total deficit to $341.6 million. October exports of $79.2 million increased 13% over the September total while U. S. imports of machine tools rose 12%. Year-to-date machine tool exports of $898.0 were 41% ahead of the first ten months of 1980. U. S. imports increased 15% over the same period last year with a total of $1,239.6 million.

U.S. Machine Tool Trade
($Millions)

October 1981	Exports	Imports	Surplus (Deficit)
Metal Cutting	$ 50.2	$116.8	($ 66.6)
Metal Forming	$ 28.9	$ 18.5	$ 10.4
Total	$ 79.2	$135.3	($ 56.1)
10 Mos. 1981			
Metal Cutting	$638.6	$1,079.8	($441.2)
Metal Forming	$259.4	$ 159.8	$ 99.6
Total	$898.0	$1,239.6	($341.6)

U.S. EXPORTS of metal cutting machine tools during October rose 5% over the September total as metal forming types increased 31%. Compared to the first ten months of 1980, exports of both metal cutting and metal forming machine tools increased, by 59% and 11% respectively. For January through October 1981, the leading export markets were (in millions): Mexico ($228.6), Canada ($222.3), the United Kingdom ($56.1), Japan ($45.9), and West Germany ($30.6).

Compared to September, U.S. IMPORTS of metal cutting machine types increased 9% and the year-to-date total is 23% ahead of the first ten months of 1980. October metal forming imports increased 36% from the September level, however the year-to-date 1981 total is 20% below the same period last year. Leading exporters of machine tools to the U. S. during the first ten months of 1981 were (in millions): Japan ($574.1), West Germany ($162.1), the United Kingdom ($116.8) and Taiwan ($83.8).

* * *

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U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
OCTOBER 1981

2

RELEASED: FEBRUARY 4, 1982

674:		TOTAL YTD UNITS	TOTAL YTD $000	TOTAL MO. UNITS	TOTAL MO. $000	AUSTRIA UNITS	AUSTRIA $000	BELGIUM UNITS	BELGIUM $000
	METAL CUTTING								
3020	Gear Hobbers & Shapers	211	21507	14	1229	-	-	-	-
3045	Gear Cutting Machines, N.E.C.	285	32437	27	3662	-	-	-	-
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26'' or Less	49	4942	3	509	-	-	-	-
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26''	24	5888	3	642	-	-	-	-
3209	Horizontal Machining Centers, ATC, NC	104	26075	11	3013	-	-	-	-
3211	Machining Centers, NC, N.E.C.	109	12978	7	690	-	-	-	-
3216	Single Station and Multi-Station Transfer Machines	212	84115	5	2977	-	-	-	-
3225	Way Type Machines (Unit Heads)	15	2302	-	-	-	-	-	-
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	15	7671	-	-	-	-	-	-
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	2	631	-	-	-	-	-	-
3247	Vertical Boring-Drilling-Milling Machines, NC	44	4631	3	884	-	-	-	-
3248	Horiz. Boring-Drilling-Milling Machines, non-NC	19	2384	-	-	-	-	-	-
3249	Vertical Boring-Drilling-Milling Machines, non-NC	472	37106	2	140	-	-	-	-
3254	Drilling Machines, NC	22	3217	2	171	-	-	-	-
3255	Drilling Machines, Multi-Spindle, non-NC	86	6965	5	391	-	-	-	-
3256	Drilling Machines, Radial, non-NC	51	1407	2	15	-	-	-	-
3257	Drilling Machines, Upright, Single Spindle, non-NC	93	2863	2	33	-	-	-	-
3258	Drilling Machines, non-NC, N.E.C.	267	6591	17	619	-	-	-	-
3264	Milling Machines, NC	42	20618	5	4688	-	-	-	-
3266	Milling Machines, Profiling, Dupl. & Die Sinking, non-NC	61	5496	-	-	-	-	-	-
3267	Milling Machines, Knee Type, non-NC	8	408	-	-	-	-	-	-
3268	Milling Machines, Bed Type, non-NC	15	1558	-	-	-	-	-	-
3269	Milling Machines, non-NC, N.E.C.	130	5716	10	751	-	-	-	-
3276	Vertical Boring Machines, incl. VTL's, NC	22	4843	-	-	-	-	-	-
3277	Vertical Boring Machines, incl. VTL's, non-NC	102	11691	5	1224	-	-	-	-
3281	Boring Machines, NC, N.E.C.	7	1027	-	-	-	-	-	-
3283	Boring Machines, non-NC, N.E.C.	62	3706	6	499	-	-	-	-
3504	Horizontal Lathes, NC, Less Than 25 HP	88	6166	2	132	-	-	-	-
3506	Horizontal Lathes, NC, 25-50 HP	44	8229	9	1830	-	-	-	-
3508	Horizontal Lathes, NC, Over 50 HP	11	3871	1	423	-	-	-	-
3510	Horizontal Engine & Toolroom Lathes, non-NC	263	5048	35	607	3	239	-	-
3511	Automatic Chucking Lathes, Single Spindle, non-NC	42	6351	-	-	-	-	-	-
3512	Automatic Chucking Lathes, Multi-Spindle, non-NC	34	4281	1	90	-	-	-	-
3515	Automatic Bar Machines, Single Spindle, non-NC	61	2521	2	254	-	-	-	-
3516	Automatic Bar Machines, Multi-Spindle, non-NC	76	6910	1	33	-	-	-	-
3518	Horizontal Lathes, non-NC, N.E.C.	446	15396	25	749	-	-	-	-
3519	Vertical Lathes, excl. VTL's, NC	22	3693	2	510	-	-	-	-
3525	Vertical Lathes, excl. VTL's, non-NC	177	15746	10	696	-	-	-	-
3528	Grinding, Polishing, Honing & Lapping Machines, NC	96	16421	5	1138	-	-	-	-
3529	Gear Tooth Grinding & Finishing Machines, non-NC	97	17055	6	920	-	-	-	-
3531	Tool & Cutter Grinding Machines, non-NC	348	8074	23	403	-	-	-	-
3532	Honing & Lapping Machines, non-NC	393	7517	11	222	-	-	-	-
3533	Grinding Machines, Flat Surface Reciprocating Table, non-NC	138	3490	17	278	-	-	-	-
3538	Grinding Machines, Flat Surface, non-NC, N.E.C.	289	20125	68	2713	-	-	-	-
3541	External Grinding Machines, non-NC	96	14616	9	1185	-	-	-	-
3542	Internal Grinding Machines, non-NC	33	4486	9	1560	-	-	-	-
3544	Grinding, Polishing & Buffing Machines, non-NC, N.E.C.	237	9699	15	949	-	-	-	-
3546	Grinding Machines, non-NC, N.E.C.	650	26114	74	3491	-	-	-	-
3547	Traveling Wire Electrical Discharge Machines	48	1514	3	13	-	-	-	-
3549	All Other Electrical Discharge Machines	237	3362	24	478	2	31	-	-
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	4	460	-	-	-	-	-	-
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, non-NC	43	936	3	83	-	-	-	-
3559	Metal Cutting Machine Tools, NC, N.E.C.	101	3488	1	52	-	-	-	-
3565	Sawing & Cut-off Machines, non-NC	669	11151	92	1547	-	-	-	-
3566	Broaching Machines, non-NC	217	14797	6	1299	-	-	-	-
3567	Metal Cutting Machine Tools, non-NC, N.E.C.	583	18044	44	1557	-	-	1	41
4000	Metal Cutting Machine Tools, Used or Rebuilt*	3914	43466	208	3858	-	-	-	-
5000	Metal Cutting Machine Tools, Less Than $2500*	54957	16641	3053	1012	1	2	4	3
	TOTAL CUTTING			3888	50229	6	271	5	44
	TOTAL CUTTING YTD	67003	638567			23	1190	2421	1422
674:	**METAL FORMING**								
1011	Die Casting Machines & Parts	-	13348	-	1007	-	-	-	-
3568	Metal Forming Machine Tools, Used or Rebuilt	1338	19581	171	4410	-	-	-	-
3569	Metal Forming Machine Tools, Less Than $2500	8527	5448	835	448	-	-	3	1
3571	Punching & Shearing Machines, incl. Combination, NC	84	10043	2	176	-	-	-	-
3573	Shearing Machines, non-NC	115	6649	8	583	-	-	-	-
3575	Punching & Combination Punching & Shearing Machines, non-NC	781	19101	66	2693	-	-	3	76
3578	Bending, Folding, Straightening & Flattening Machines, NC	174	11757	18	1907	-	-	-	-
3582	Press Brakes, non-NC	122	5220	4	294	-	-	-	-
3583	Bending Rolls, Ram & Press Bending Machines, non-NC	51	2679	9	383	-	-	-	-
3584	Bending,Folding,Str. & Flattening Machines, non-NC, N.E.C.	654	19491	46	1485	-	-	-	-
3588	Mechanical Presses, non-NC	368	19399	19	1465	-	-	3	146
3589	Hydraulic Presses, Vertical, Single Action, non-NC	101	13734	10	1573	-	-	-	-
3590	Hydraulic & Pneumatic Presses, non-NC, N.E.C.	524	35064	58	3126	-	-	-	-
3594	Headers & Upsetters, non-NC	61	6079	4	807	-	-	-	-
3595	Forging Machines, non-NC, N.E.C.	161	12449	27	1015	-	-	-	-
3596	Metal Forming Machine Tools, non-NC, N.E.C.	1168	59290	108	7555	-	-	2	1429
	TOTAL FORMING			1385	28931	-	-	11	1652
	TOTAL FORMING YTD	14229	259392			3	108	107	2670
	TOTAL ALL TYPES			5273	79160	6	271	16	1696
	TOTAL ALL TYPES YTD	81232	897959			26	1298	2528	4091

Source: U.S. Department of Commerce, Census Report No. EM522; National Machine Tool Builders' Association.

NOTES: 1) a/Dollar amount less than $500; 2) N.E.C. - Not Elsewhere Classified; 3) Individual items may not add to totals due to rounding.
4) Beginning in January 1980, foreign trade data for die casting machines are included in the metal forming total.
For 1979, U.S. die casting exports were $9,584,000.

*Code 6744000 shown above represents combined data from codes 674:3015,3241,3252,3261,3272,3501,3526 & 3554.
Code 6745000 shown above represents combined data from codes 674:3243,3253,3262,3273,3502,3527 & 3557.

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U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
OCTOBER 1981

	DENMARK		FINLAND		FRANCE		GREECE		IRELAND		ITALY		NETHERLANDS	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	1	16	-	-	-	-	1	357	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	1	142	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	-	-	-	-	-	-	4	72	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	7	86	-	-	-	-	-	-	2	21
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	1	33	-	-
3518	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	3	108	-	-	-	-
3531	-	-	-	-	1	254	-	-	-	-	-	-	1	10
3532	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3538	-	-	-	-	1	181	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	1	25	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3546	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	-	-	-	-	-	-	1	61	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	-	-	1	10	-	-	-	-	-	-	-	-	3	36
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	-	-	1	6
4000	-	-	-	-	1	20	-	-	-	-	-	-	-	-
5000	4	8	-	-	1	2	-	-	-	-	-	-	-	-
CUT MO.	4	8	1	10	13	701	-	-	4	133	7	508	7	73
CUT YTD	19	513	49	1258	390	17211	32	280	608	2951	736	8400	2814	1373
1011	-	4	-	-	-	24	-	-	-	-	-	73	-	1
3568	-	-	-	-	5	74	-	-	-	-	-	-	102	2651
3569	1	2	-	-	35	11	-	-	-	-	22	7	3	1
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3575	-	-	-	-	2	85	-	-	1	22	-	-	-	-
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	-	-	1	27	-	-	1	22	-	-	-	-
3588	-	-	-	-	2	45	-	-	2	101	-	-	-	-
3589	-	-	-	-	-	-	-	-	3	698	-	-	-	-
3590	-	-	-	-	-	-	-	-	-	-	1	111	-	-
3594	-	-	-	-	-	-	1	24	-	-	-	-	-	-
3595	1	3	-	-	-	-	-	-	3	47	-	-	-	-
3598	-	-	-	-	2	236	-	-	1	66	-	-	1	332
FRN MO.	2	9	-	-	47	503	1	24	11	935	23	191	106	2985
FRN YTD	42	772	17	536	374	6745	8	1117	71	8344	130	6170	247	5090
TOT MO.	6	17	1	10	60	1203	1	24	15	1068	30	693	113	3058
TOT YTD	61	1286	66	1793	764	23956	40	1397	679	11295	866	14570	3061	6463

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
OCTOBER 1981

	NORWAY		POLAND		ROMANIA		SPAIN		SWEDEN		SWITZERLAND		U. KINGDOM	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	1	36	1	36	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	1	108	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	1	224
3209	1	475	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	1	107
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	-	-	1	8
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	4	805
3508	-	-	-	-	-	-	-	-	-	-	-	-	1	423
3510	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	-	-	-	-	-	-	-	-	-	-	-	-	5	50
3532	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	7	80
3538	-	-	-	-	-	-	-	-	-	-	-	-	4	241
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	1	27
3544	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3546	-	-	-	-	-	-	-	-	1	4	2	71	5	23
3547	-	-	-	-	-	-	-	-	-	-	2	12	1	1
3549	-	-	-	-	-	-	-	-	-	-	-	-	6	20
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	-	-	-	-	-	-	-	-	-	-	-	-	48	873
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	2	217	-	-	-	-	1	98
4000	-	-	-	-	-	-	-	-	1	4	18	134	3	1290
5000	457	15	-	-	-	-	-	-	6	6	378	47	50	27
CUT NO.	458	491	-	-	-	-	3	251	7	51	401	372	139	4257
CUT YTD	477	700	-	-	6	972	128	2961	225	2371	1001	7229	1984	40862
1011	-	-	-	-	-	-	-	32	-	13	-	-	-	64
3548	-	-	-	-	-	-	-	-	-	-	2	50	-	-
3549	-	-	-	-	-	-	-	-	-	-	-	-	8	5
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3575	-	-	-	-	-	-	1	3	-	-	-	-	1	61
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3588	-	-	-	-	-	-	2	170	-	-	-	-	4	589
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3590	-	-	-	-	-	-	-	-	2	495	-	-	2	405
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3598	-	-	-	-	-	-	12	1431	1	5	-	-	2	154
FRM NO.	-	-	-	-	-	-	15	1645	3	473	2	50	17	1278
FRM YTD	18	237	-	-	-	-	35	4980	66	1791	125	982	640	15228
TOT NO.	458	491	-	-	-	-	18	1895	10	524	403	422	156	5535
TOT YTD	495	937	-	-	6	972	163	7941	291	4161	1126	8211	2624	56090

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U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
OCTOBER 1981

	USSR		W. GERMANY		YUGOSLAVIA		CANADA		MEXICO		OTH. NAC AM		ARGENTINA	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	-	-	11	912	-	-	-	-	-	-
3045	-	-	1	381	-	-	2	499	3	49	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	2	418	-	-	-	-	-	-
3209	-	-	1	397	-	-	3	1197	-	-	-	-	-	-
3211	-	-	-	-	-	-	1	295	3	177	1	52	-	-
3216	-	-	-	-	-	-	3	2461	2	515	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	2	781	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	2	140	-	-	-	-
3254	-	-	-	-	-	-	1	114	1	57	-	-	-	-
3255	-	-	-	-	-	-	1	70	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	2	15	-	-	-	-
3257	-	-	-	-	-	-	-	-	2	33	-	-	-	-
3258	-	-	-	-	-	-	1	10	4	312	2	6	-	-
3264	-	-	-	-	-	-	2	3775	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	3	429	-	-	8	95	2	321	1	5	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	2	740	1	239	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	3	475	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	2	132	-	-	-	-
3506	-	-	-	-	-	-	2	295	2	577	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	13	115	7	43	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	1	90	-	-	-	-	-	-
3515	-	-	-	-	-	-	2	254	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	3	32	16	641	3	35	-	-
3519	-	-	-	-	-	-	-	-	2	510	-	-	-	-
3525	-	-	-	-	-	-	-	-	2	462	1	38	-	-
3528	-	-	-	-	-	-	-	-	3	634	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	-	-	-	-	-	-	7	36	5	24	-	-	-	-
3532	-	-	-	-	-	-	2	9	9	213	-	-	-	-
3533	-	-	-	-	-	-	6	46	1	4	-	-	-	-
3538	-	-	2	43	-	-	3	230	15	1212	-	-	-	-
3541	-	-	-	-	-	-	7	993	-	-	-	-	-	-
3542	-	-	-	-	-	-	4	994	-	-	-	-	-	-
3544	1	83	1	26	-	-	-	-	4	553	-	-	-	-
3546	1	426	-	-	-	-	4	19	21	1485	-	-	1	25
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	-	-	1	35	5	208	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	1	13	-	-	-	-
3559	-	-	-	-	-	-	-	-	1	52	-	-	-	-
3565	-	-	2	90	-	-	12	129	9	94	-	-	-	-
3566	-	-	-	-	-	-	3	387	1	905	-	-	-	-
3567	-	-	1	258	-	-	5	220	5	167	-	-	-	-
4000	-	-	-	-	-	-	20	134	125	1280	2	9	-	-
5000	-	-	33	24	-	-	909	430	148	101	135	16	3	5
CUT MO.	2	909	44	1650	-	-	1040	15530	407	11568	146	403	4	30
CUT YTD	33	15125	1468	23910	26	1768	21912	[illegible]	8840	173976	3219	2533	139	3435
1011	-	-	-	145	-	-	-	234	-	136	-	24	-	17
3568	-	-	-	-	-	-	4	130	31	778	2	140	-	-
3569	-	-	2	1	-	-	271	149	222	189	9	4	10	5
3571	-	-	-	-	-	-	-	-	1	41	-	-	-	-
3573	-	-	-	-	-	-	2	6	5	296	-	-	-	-
3575	-	-	-	-	-	-	7	339	19	1024	2	11	1	663
3578	-	-	-	-	-	-	1	24	6	479	1	17	-	-
3582	-	-	-	-	-	-	-	-	3	272	-	-	-	-
3583	-	-	-	-	-	-	5	73	3	292	-	-	-	-
3584	-	-	-	-	-	-	9	234	22	477	-	-	1	4
3588	-	-	-	-	-	-	3	204	1	90	-	-	-	-
3589	-	-	-	-	-	-	1	33	5	801	-	-	-	-
3590	-	-	-	-	-	-	4	244	36	778	1	10	-	-
3594	-	-	-	-	-	-	2	634	-	-	-	-	-	-
3595	-	-	3	209	-	-	6	91	10	479	-	-	-	-
3598	-	-	7	128	-	-	11	158	90	2547	-	-	-	-
FRM MO.	-	-	12	483	-	-	326	2553	414	8675	15	205	12	688
FRM YTD	53	1359	476	6738	7	2992	3998	39395	2752	54660	232	2092	99	3207
TOT MO.	2	909	56	2133	-	-	1366	18083	821	20242	161	608	16	718
TOT YTD	86	16484	1941	30648	33	4760	25910	222342	11592	228636	3451	4624	238	6642

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
OCTOBER 1981

	BRAZIL		CHILE		COLOMBIA		PERU		VENEZUELA		OTR. S. AM.		INDIA	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	2	401	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	6	944
3211	-	-	-	-	-	-	-	-	1	24	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	1	52	-	-	-	-	1	5	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	1	109
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	1	9	-	-	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	1	4	-	-	-	-	1	23	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	-	-	-	-	1	8	-	-	1	10	-	-	2	10
3532	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	1	108
3538	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	2	307	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	-	-	-	-	1	10	-	-	-	-	-	-
3546	13	160	-	-	-	-	-	-	-	-	-	-	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	-	-	-	-	-	-	1	7	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	-	-	-	-	-	-	-	-	3	24	-	-	-	-
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	-	-	4	143
4000	1	16	2	3	-	-	-	-	-	-	3	124	2	55
5000	1	2	6	7	5	10	12	9	107	16	-	-	3	4
CUT NO.	20	895	8	10	8	74	13	19	192	75	6	158	19	1372
CUT YTD	494	11590	2572	1106	410	1922	88	490	1528	6440	433	2070	220	8082
1011	-	-	-	-	-	-	-	-	-	100	-	10	-	42
3568	-	-	-	-	6	65	-	-	2	36	5	68	-	-
3569	73	19	17	5	-	-	-	-	13	3	1	1	-	-
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3573	-	-	-	-	1	281	-	-	-	-	-	-	-	-
3575	-	-	4	88	4	53	-	-	2	15	-	-	-	-
3578	2	181	-	-	-	-	-	-	2	70	-	-	-	-
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	1	51	-	-	1	28	-	-	4	576	-	-	-	-
3588	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3590	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	1	42	-	-	1	9
3598	1	51	-	-	1	22	1	695	1	6	-	-	-	-
FRM NO.	77	302	21	90	13	449	1	695	25	847	6	78	1	51
FRM YTD	136	8984	73	675	145	2340	205	2638	691	6620	335	2240	75	4516
TOT NO.	97	1197	29	100	21	522	14	714	217	922	12	237	20	1423
TOT YTD	590	20575	2645	1781	555	4261	293	3128	2219	13060	768	4310	295	12598

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINES
OCTOBER 1981

	IRAN		ISRAEL		JAPAN		KOREAN REP.		PHILLIPINES		SINGAPORE		TAIWAN	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	1	244	2	73	-	-	-	-	-	-
3045	-	-	1	43	4	1111	1	74	-	-	8	510	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	1	103	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	2	169	-	-	-	-	-	-	1	85
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	2	146	-	-	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	1	136	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	1	15	-	-	-	-	-	-	1	73
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	5	125	-	-	-	-	-	-	-	-	-	-
3528	-	-	-	-	2	503	-	-	-	-	-	-	-	-
3529	-	-	-	-	3	812	-	-	-	-	-	-	-	-
3531	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3532	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	-	-	1	30	-	-	-	-	1	10	-	-
3538	-	-	-	-	3	130	-	-	-	-	-	-	1	11
3541	-	-	-	-	1	168	-	-	-	-	-	-	-	-
3542	-	-	-	-	2	233	-	-	-	-	-	-	-	-
3544	-	-	-	-	3	251	1	12	-	-	-	-	-	-
3546	-	-	3	46	1	571	3	59	-	-	-	-	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	-	-	-	-	-	-	-	-	1	3
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	1	41	-	-	1	29	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	-	-	-	-	1	18	1	65	-	-	-	-	1	6
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	2	92	-	-	-	-	-	-
4000	-	-	-	-	1	1	1	19	1	2	1	241	1	7
5000	-	-	18	10	42	15	32	28	18	20	-	-	4	5
CUT MO.	-	-	27	225	72	4593	43	422	20	50	11	863	10	149
CUT YTD	1	21	311	4961	1318	34075	569	12562	327	1831	1080	9169	243	5647
1011	-	-	-	-	-	57	-	-	-	3	-	-	-	-
3568	-	-	2	1	1	8	-	-	-	-	-	-	-	-
3569	-	-	4	1	-	-	-	-	-	-	-	-	6	1
3571	-	-	-	-	1	136	-	-	-	-	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3575	-	-	3	108	-	-	1	21	-	-	5	19	2	27
3576	-	-	-	-	2	164	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	1	22	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	1	18
3584	-	-	-	-	-	-	-	-	1	4	-	-	-	-
3588	-	-	-	-	1	109	-	-	-	-	-	-	-	-
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3590	-	-	-	-	2	24	-	-	1	58	2	49	1	40
3594	-	-	-	-	1	149	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	2	136
3598	-	-	-	-	2	10	-	-	2	29	1	18	2	16
FRN MO.	-	-	9	110	10	656	1	21	5	115	8	85	14	238
FRN YTD	1	5	156	1727	294	11831	77	2310	107	1259	626	2994	135	8467
TOT MO.	-	-	36	335	82	5249	44	443	25	164	19	948	24	387
TOT YTD	2	26	467	6688	1612	45906	646	14872	434	3089	1706	12163	370	14113

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
OCTOBER 1981

	TURKEY		OTHER ASIA		AUSTRALIA		N. ZEALAND		REP./S.AFR.		OTH. AFRICA		ALL OT CTRY	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	3	554
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	1	5	-	-	-	-	1	12	-	-	-	-
3264	-	-	-	-	3	913	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	1	6	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	1	153
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	-	-	1	15	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	-	-	1	14	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	1	58	-	-	1	13	-	-	-	-
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3532	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3538	-	-	1	4	1	130	-	-	36	392	-	-	1	140
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	3	10	-	-	-	-	1	4	-	-	-	-
3546	6	30	10	521	3	49	-	-	-	-	-	-	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	2	4	4	34	-	-	1	97	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	-	-	4	52	7	148	-	-	-	-	-	-	-	-
3566	-	-	-	-	-	-	-	-	-	-	2	27	-	-
3567	-	-	6	237	1	50	-	-	15	70	-	-	-	-
4000	10	148	9	259	-	-	1	51	1	60	1	1	3	3
5000	-	-	328	67	25	12	-	-	198	97	2	1	45	23
CUT MO.	16	178	365	1104	45	1394	1	51	254	743	7	58	53	872
CUT YTD	61	813	4014	15756	2340	14208	35	230	2355	6755	500	4731	1577	2554
1011	-	-	-	17	-	11	-	1	-	-	-	-	-	-
3568	-	-	9	412	-	-	-	-	-	-	-	-	-	-
3569	-	-	107	11	21	18	-	-	4	8	3	5	-	-
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3575	-	-	2	16	3	22	2	36	1	10	-	-	-	-
3578	-	-	-	-	-	-	-	-	1	440	2	94	1	439
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	1	9	2	43	1	5	1	6	-	-	-	-	-	-
3588	-	-	1	2	-	-	-	-	-	-	-	-	-	-
3589	1	42	-	-	-	-	-	-	-	-	-	-	-	-
3590	3	25	2	218	1	710	-	-	-	-	-	-	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3598	-	-	4	175	2	40	-	-	1	22	-	-	1	7
FRM MO.	5	76	127	894	28	806	3	42	7	480	5	99	2	446
FRM YTD	28	472	852	18472	265	5635	121	394	233	7480	74	3196	100	1906
TOT MO.	21	253	492	2058	73	2200	4	93	261	1223	12	157	55	1318
TOT YTD	89	1285	4866	34228	2605	19843	156	624	2588	14235	574	7927	1677	4460

OCTOBER 1981 - U.S. EXPORTS OF MACHINE TOOLS
Total and Countries of Destination
The following is a breakdown of the activity by country which is included in the ALL OTHER columns.

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
EUROPE						
AZORES	-	-	-	-	-	-
BULGARIA	-	-	-	-	-	-
CYPRUS	-	-	-	-	-	-
CZECHOSLOVAKIA	-	-	1	7	1	7
E GERMANY	-	-	-	-	-	-
HUNGARY	-	-	1	439	1	439
ICELAND	-	-	-	-	-	-
PORTUGAL	48	862	-	-	48	862
GIBRALTAR	-	-	-	-	-	-
MALTA	4	10	-	-	4	10
TOTAL	52	872	2	446	54	1317
OTHER N.&C.AM						
BAHAMAS	-	-	-	-	-	-
BARBADOS	-	-	-	-	-	-
BELIZE	-	-	-	-	-	-
BERMUDA	-	-	-	-	-	-
CAYMAN	-	-	-	-	-	-
COSTA RICA	-	-	-	-	-	-
DOMINICAN REP.	-	-	-	-	-	-
FR. W. INDIES	-	-	1	17	1	17
GUATEMALA	4	3	-	-	4	3
HAITI	-	-	2	140	2	140
HONDURAS	1	5	-	-	1	5
JAMAICA	-	-	1	5	1	5
LW & WW IS.	19	82	2	16	21	99
NICARAGUA	-	-	1	1	1	1
N. ANTILLES	2	8	5	1	7	9
PANAMA	112	18	-	-	112	18
SALVADOR	-	-	-	-	-	-
TRINIDAD	8	286	3	2	11	288
TOTAL	146	403	15	205	161	608
OTHER S. AMER						
BOLIVIA	1	7	-	-	1	7
ECUADOR	4	101	5	78	9	179
FRENCH GUIANA	-	-	-	-	-	-
GUYANA	-	-	1	1	1	1
PARAGUAY	-	-	-	-	-	-
SURINAM	-	-	-	-	-	-
URUGUAY	1	50	-	-	1	50
TOTAL	6	158	6	78	12	237
OTHER ASIA						
AFGHANISTAN	-	-	-	-	-	-
ADEN	-	-	-	-	-	-
ARAB EMIRATES	249	40	-	-	249	40
BAHRAIN	-	-	-	-	-	-
BANGLADASH	-	-	-	-	-	-
BRUNEI	-	-	-	-	-	-
BURMA	-	-	-	-	-	-
CHINA	-	-	-	-	-	-
GAZA STRIP	-	-	-	-	-	-
HONG KONG	5	13	16	40	21	53
INDONESIA	20	218	3	220	23	439
IRAQ	-	-	-	-	-	-
JORDAN	-	-	-	-	-	-
KUWAIT	-	-	-	-	-	-
LEBANON	-	-	1	153	1	153
MALAYSIA	10	521	-	-	10	521
NEPAL	-	-	-	-	-	-
OMAN	-	-	-	-	-	-
PAKISTAN	-	-	-	-	-	-
QATAR	-	-	-	-	-	-
SAUDI ARABIA	79	368	97	62	176	430
SRI LANKA	1	1	-	-	1	1
SYRIA	-	-	-	-	-	-
THAILAND	1	4	10	419	11	423
YEMEN	-	-	-	-	-	-
TOTAL	365	1164	12[illegible]	894	492	2058

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER OCEANIA						
FR. PAC. IS.	-	-	-	-	-	-
NEW GUINEA	-	-	-	-	-	-
TERR. PAC. IS.	1	1	-	-	1	1
OTH. PAC. IS.	-	-	-	-	-	-
TOTAL	1	1	-	-	1	1
OTHER AFRICA						
BOTSWANA	-	-	-	-	-	-
ALGERIA	2	27	-	-	2	27
ANGOLA	-	-	-	-	-	-
BENIN	-	-	-	-	-	-
CAMEROON	-	-	-	-	-	-
CANARY ISLANDS	-	-	-	-	-	-
DAHOMEY	-	-	-	-	-	-
EGYPT	-	-	2	94	2	94
ETHIOPIA	-	-	-	-	-	-
GABON	-	-	-	-	-	-
GHANA	-	-	3	5	3	5
GUINEA	-	-	-	-	-	-
KENYA	-	-	-	-	-	-
LIBERIA	-	-	-	-	-	-
LIBYA	-	-	-	-	-	-
MALAWI	-	-	-	-	-	-
MAURITANIA	-	-	-	-	-	-
MOROCCO	-	-	-	-	-	-
MOZAMBIQUE	-	-	-	-	-	-
NIGER	-	-	-	-	-	-
NIGERIA	1	1	-	-	1	1
RWANDA	-	-	-	-	-	-
SENEGAL	2	1	-	-	2	1
SIERRA LEONE	-	-	-	-	-	-
SOMALIA	-	-	-	-	-	-
S. W. AFRICA	-	-	-	-	-	-
SUDAN	-	-	-	-	-	-
SWAZILAND	-	-	-	-	-	-
TANZANIA	1	14	-	-	1	14
TUNISIA	-	-	-	-	-	-
ZIMBABWE	1	15	-	-	1	15
WEST AFRICA	-	-	-	-	-	-
ZAIRE	-	-	-	-	-	-
ZAMBIA	-	-	-	-	-	-
OTH WEST AFR.	-	-	-	-	-	-
IVORY COAST	-	-	-	-	-	-
MAURITIUS	-	-	-	-	-	-
TOGO	-	-	-	-	-	-
TOTAL	7	58	5	99	12	157

RELEASED: FEBRUARY 4, 1982

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
OCTOBER 1981

Code	Type	TOTAL YTD UNITS	TOTAL YTD $000	TOTAL MO. UNITS	TOTAL MO. $000	AUSTRIA UNITS	AUSTRIA $000	BELGIUM UNITS	BELGIUM $000
674:	METAL CUTTING								
3025	Gear Hobbers	165	14971	19	1444	-	-	-	-
3035	Gear Shapers	12	1846	-	-	-	-	-	-
3045	Gear Cutting Machines, N.E.C.	14	2663	-	-	-	-	-	-
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26'' or Less	940	75874	132	12093	-	-	-	-
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26''	102	14327	4	876	-	-	-	-
3209	Horizontal Machining Centers, ATC, NC	322	43655	39	4860	-	-	-	-
3211	Machining Centers, NC, N.E.C.	301	27953	51	4031	-	-	-	-
3212	Single Station and Multi-Station Transfer Machines	28	5836	1	718	-	-	-	-
3213	Way Type Machines (Unit Heads)	1	153	-	-	-	-	-	-
3217	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	12	3453	1	278	-	-	-	-
3218	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	-	-	-	-	-	-	-	-
3219	Vertical Boring-Drilling-Milling Machines,NC	21	3717	-	-	-	-	-	-
3222	Horiz. Boring-Drilling-Milling Machines,non-NC	183	18379	24	2996	-	-	-	-
3223	Vertical Boring-Drilling-Milling Machines,non-NC	1867	14813	391	1236	-	-	-	-
3228	Drilling Machines,NC	24	1274	6	503	-	-	-	-
3229	Drilling Machines, Multi-Spindle, non-NC	69	3671	15	183	-	-	-	-
3234	Drilling Machines, Radial, non-NC	1238	10059	88	787	-	-	-	-
3236	Drilling Machines, Upright, Single Spindle, non-NC	205	1268	16	75	-	-	-	-
3242	Drilling Machines, non-NC, N.E.C.	374	6040	23	304	-	-	-	-
3264	Milling Machines, NC	279	21411	11	310	-	-	-	-
3266	Milling Machines, Profiling, Dupl. & Die Sinking, non-NC	268	5319	16	1358	-	-	-	-
3267	Milling Machines, Knee Type, non-NC	3553	26076	318	2283	-	-	-	-
3268	Milling Machines, Bed Type, non-NC	475	14957	32	1254	-	-	-	-
3269	Milling Machines, non-NC, N.E.C.	4179	36829	549	4912	-	-	-	-
3276	Vertical Boring Machines, incl. VTL's, NC	31	4883	1	282	-	-	-	-
3277	Vertical Boring Machines, incl. VTL's, non-NC	247	7599	34	948	-	-	-	-
3281	Boring Machines, NC, N.E.C.	16	4414	4	224	-	-	-	-
3283	Boring Machines, non-NC, N.E.C.	283	13095	20	884	-	-	-	-
3507	Horizontal Lathes, NC, Less Than 25 HP	1585	102494	181	11447	-	-	-	-
3509	Horizontal Lathes, NC, 25-50 HP	1102	102237	152	14184	-	-	-	-
3511	Horizontal Lathes, NC, Over 50 HP	217	28151	34	4652	-	-	5	402
3512	Horizontal Engine & Toolroom Lathes, non-NC	6490	61586	620	5826	1	84	-	-
3513	Automatic Chucking Lathes, Single Spindle, non-NC	143	5332	16	290	-	-	-	-
3514	Automatic Chucking Lathes, Multi-Spindle, non-NC	55	6926	5	460	-	-	-	-
3515	Automatic Bar Machines, Single Spindle, non-NC	273	7026	25	944	-	-	-	-
3516	Automatic Bar Machines, Multi-Spindle, non-NC	107	9551	7	797	-	-	-	-
3518	Horizontal Lathes, non-NC, N.E.C.	782	20831	109	2637	-	-	-	-
3521	Vertical Lathes, excl. VTL's, NC	233	21884	31	2770	-	-	-	-
3522	Vertical Lathes, excl. VTL's, non-NC	1095	35614	157	3391	-	-	-	-
3527	Gear Tooth Grinding & Finishing Machines	110	9994	4	413	-	-	-	-
3528	Tool & Cutter Grinding Machines, NC	109	7711	22	1509	-	-	-	-
3529	Tool & Cutter Grinding Machines, non-NC	1017	15758	122	1415	-	-	-	-
3533	Honing & Lapping Machines	153	8346	12	1508	-	-	-	-
3539	Grinding Machines, Flat Surface, NC	36	3841	2	189	-	-	-	-
3541	Grinding Machines, Flat Surface Reciprocating Table,non-NC	507	10021	50	839	-	-	-	-
3543	Grinding Machines, Flat Surface, non-NC, N.E.C.	1064	21201	75	1297	-	-	-	-
3546	Grinding & Polishing Machines, NC, N.E.C.	25	2661	1	18	-	-	-	-
3554	External Grinding Machines, non-NC	542	22458	17	923	-	-	4	204
3556	Internal Grinding Machines, non-NC	95	3899	20	211	-	-	-	-
3558	Grinding, Polishing & Buffing Machines, non-NC, N.E.C.	166	5509	9	392	-	-	-	-
3559	Grinding Machines, non-NC, N.E.C.	681	14638	50	654	-	-	-	-
3562	Traveling Wire Electrical Discharge Machines	364	15713	93	709	-	-	-	-
3564	All Other Electrical Discharge Machines	131	7042	13	1298	-	-	-	-
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	109	4141	1	66	-	-	-	-
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, non-NC	86	4762	5	158	-	-	-	-
3576	Metal Cutting Machine Tools, NC, N.E.C.	26	2078	-	-	-	-	-	-
3577	Sawing & Cut-off Machines, non-NC	1074	11550	99	1192	-	-	-	-
3578	Broaching Machines, non-NC	53	4432	-	-	-	-	-	-
3579	Metal Cutting Machine Tools, non-NC, N.E.C.	647	18997	96	2592	1	7	14	205
4000	Metal Cutting Machine Tools, Used or Rebuilt*	4160	39872	497	4424	-	-	8	228
5000	Metal Cutting Machine Tools, Less Than $2500*	718784	58134	103647	6759	353	90	1	1
	TOTAL CUTTING			107967	116817	355	182	32	1040
	TOTAL CUTTING YTD	758030	1079846			1562	1671	460	9078
674:	METAL FORMING								
1010	Die Casting Machines	124	3397	1	78	-	-	-	-
3582	Metal Forming Machine Tools, Used or Rebuilt	625	4870	51	556	-	-	1	40
3583	Metal Forming Machine Tools, Less Than $2500	14255	3620	2057	512	1	1	-	-
3584	Punching & Shearing Machines, incl. Combination, NC	218	24685	30	3085	-	-	-	-
3586	Shearing Machines, non-NC	628	9803	67	997	-	-	-	-
3587	Punching & Combination Punching & Shearing Machines, non-NC	565	8469	47	942	-	-	-	-
3588	Bending, Folding, Straightening & Flattening Machines, NC	28	2189	2	352	-	-	-	-
3589	Press Brakes, non-NC	370	5801	27	317	-	-	-	-
3591	Bending Rolls, Ram & Press Bending Machines, non-NC	180	4683	13	185	-	-	-	-
3592	Bending,Folding,Str. & Flattening Machines, non-NC, N.E.C.	771	12770	71	895	-	-	-	-
3593	Metal Forming Machine Tools, NC, N.E.C.	14	1896	1	116	-	-	-	-
3594	Mechanical Presses, non-NC	125	11265	14	3341	-	-	1	215
3595	Hydraulic Presses, Vertical, Single Action, non-NC	67	3878	5	1047	-	-	-	-
3596	Hydraulic & Pneumatic Presses, non-NC, N.E.C.	324	22459	49	2038	-	-	-	-
3597	Headers & Upsetters, non-NC	146	12031	10	1960	-	-	-	-
3598	Forging Machines, non-NC, N.E.C.	32	1436	4	82	-	-	-	-
3599	Metal Forming Machine Tools, non-NC, N.E.C.	753	26513	58	2007	-	-	4	61
	TOTAL FORMING			2507	18512	1	1	6	316
	TOTAL FORMING YTD	19225	159799			3	101	109	6761
	TOTAL ALL TYPES			110474	135329	356	182	38	1356
	TOTAL ALL TYPES YTD	777255	1239645			1565	1772	569	15839

Source: U.S. Department of Commerce, Census Report No. IM146; National Machine Tool Builders' Association.

NOTES: 1) a/Dollar amount less than $500; 2) N.E.C. - Not Elsewhere Classified; 3) Individual items may not add to totals due to rounding.
4) Machine tool imports, as reflected in the government statistics, are actually undervalued since they reflect values in the country of origin and do not include ocean freight, insurance, dealer's commission or import duties.
5) Beginning in January 1980, foreign trade data for die casting machines are included in the metal forming total. U.S. die casting imports are not available for previous years.

*Code 6744000 shown above represents combined data from codes 674:3015,3215,3226,3261,3272,3502,3524 & 3573.
Code 6745000 shown above represents combined data from codes 674:3227,3262,3273,3503,3526 & 3574.

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
OCTOBER 1981

	CZECHO.		DENMARK		E. GERMANY		FRANCE		ITALY		NETHERLANDS		NORWAY	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3035	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3212	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3222	2	31	-	-	-	-	-	-	-	-	-	-	-	-
3223	-	-	-	-	-	-	20	47	1	6	-	-	-	-
3228	-	-	-	-	-	-	2	405	-	-	-	-	-	-
3229	-	-	-	-	-	-	-	-	6	57	-	-	-	-
3234	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3236	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3242	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	1	53	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	1	21	2	7	2	91	-	-	-	-
3276	-	-	-	-	-	-	-	-	1	282	-	-	-	-
3277	2	88	-	-	-	-	8	90	3	63	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	3	40	-	-	-	-	3	236	-	-	-	-
3507	-	-	-	-	-	-	1	51	-	-	-	-	-	-
3509	-	-	-	-	-	-	-	-	1	58	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	7	28	-	-	-	-	5	59	10	164	1	10	-	-
3513	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3514	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3521	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3522	-	-	-	-	-	-	4	103	9	98	-	-	-	-
3527	-	-	-	-	3	109	-	-	-	-	-	-	-	-
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	4	26	-	-	-	-	1	3	-	-	-	-
3533	-	-	-	-	-	-	1	5	-	-	-	-	-	-
3539	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3543	-	-	-	-	-	-	-	-	3	18	-	-	-	-
3546	-	-	-	-	-	-	-	-	-	-	1	18	-	-
3554	-	-	-	-	-	-	-	-	1	51	-	-	-	-
3556	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3558	1	8	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	2	6	-	-	-	-	4	72	-	-	-	-
3562	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3564	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3576	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3577	-	-	-	-	-	-	1	65	4	55	-	-	-	-
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3579	-	-	-	-	-	-	1	15	1	12	-	-	-	-
4000	5	18	-	-	7	29	4	12	44	24	-	-	-	-
9000	-	-	60	9	-	-	655	73	17	21	3	1	-	-
CUT MO.	17	173	69	81	11	158	704	931	[illegible]	1310	6	82	-	-
CUT YTD	390	4070	591	1187	125	2562	2858	16041	4739	27861	675	3635	19	63
1010	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	3	21	-	-	-	-	-	-
3583	-	-	2	4	-	-	17	10	20	2	2	1	1	2
3584	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3586	-	-	12	71	-	-	-	-	-	-	-	-	-	-
3587	-	-	-	-	-	-	-	-	6	124	-	-	-	-
3588	-	-	-	-	-	-	-	-	1	332	-	-	-	-
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3591	-	-	1	25	1	11	-	-	-	-	-	-	-	-
3592	-	-	1	5	-	-	-	-	31	374	-	-	-	-
3593	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3596	-	-	-	-	-	-	-	-	1	40	-	-	-	-
3597	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3598	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3599	-	-	-	-	-	-	1	136	8	116	4	56	-	-
FRM MO.	-	-	16	104	1	11	21	167	67	987	6	57	1	2
FRM YTD	2	1	92	1423	3	22	434	2914	1024	9816	30	553	13	412
TOT MO.	17	173	85	185	12	169	725	1098	178	2298	12	139	1	2
TOT YTD	392	4071	683	2610	128	2585	3292	18955	5763	37677	705	4188	32	475

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
OCTOBER 1981

	POLAND		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND		U. KINGDOM		W. GERMANY	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	-	-	-	-	-	-	-	-	-	-	2	98	7	842
3035	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	1	553	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	10	490
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3212	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	-	-	-	-	-	-	1	278	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3222	1	130	-	-	-	-	-	-	-	-	-	-	1	36
3223	-	-	-	-	12	55	-	-	2	470	6	190	4	233
3228	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3229	-	-	-	-	-	-	-	-	2	17	-	-	1	83
3234	-	-	-	-	13	102	2	6	-	-	1	8	-	-
3236	-	-	-	-	5	15	-	-	-	-	3	33	4	16
3242	-	-	-	-	-	-	-	-	-	-	-	-	1	76
3264	-	-	-	-	3	43	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	7	687
3267	12	164	-	-	191	923	-	-	-	-	19	308	-	-
3268	-	-	-	-	-	-	3	307	-	-	1	136	3	432
3269	-	-	-	-	2	10	13	465	5	90	7	788	23	767
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	2	138	-	-	-	-	-	-	3	177	1	6	5	107
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	1	80	-	-	-	-	3	8	2	68
3507	-	-	-	-	-	-	-	-	-	-	-	-	4	337
3509	-	-	-	-	-	-	-	-	-	-	-	-	1	72
3511	-	-	-	-	-	-	5	818	-	-	-	-	-	-
3512	22	380	-	-	18	161	-	-	-	-	40	398	1	8
3513	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3514	-	-	-	-	-	-	-	-	-	-	1	156	4	304
3515	-	-	-	-	-	-	-	-	4	124	1	17	10	166
3516	-	-	-	-	-	-	-	-	2	54	5	743	-	-
3518	-	-	-	-	2	19	-	-	6	70	2	8	1	6
3521	-	-	-	-	-	-	4	312	-	-	-	-	-	-
3522	-	-	-	-	4	115	-	-	-	-	11	189	6	198
3527	-	-	-	-	-	-	-	-	1	304	-	-	-	-
3528	-	-	-	-	-	-	-	-	-	-	-	-	5	569
3529	-	-	-	-	1	4	-	-	29	238	20	222	24	412
3533	-	-	-	-	-	-	-	-	-	-	1	5	9	1437
3539	-	-	-	-	-	-	-	-	1	130	-	-	-	-
3541	-	-	-	-	2	5	1	22	-	-	-	-	3	60
3543	3	38	-	-	3	8	-	-	6	130	8	457	-	-
3546	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3554	-	-	-	-	1	120	-	-	4	238	2	70	1	161
3556	-	-	-	-	-	-	-	-	-	-	-	-	1	57
3558	-	-	-	-	-	-	-	-	-	-	-	-	1	5
3559	8	71	-	-	-	-	-	-	-	-	4	63	5	63
3562	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3564	-	-	-	-	-	-	-	-	6	122	3	944	-	-
3567	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3571	-	-	-	-	-	-	-	-	-	-	3	90	2	69
3576	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3577	-	-	-	-	1	8	1	17	7	48	1	4	22	280
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3579	-	-	-	-	-	-	2	19	16	66	13	211	10	1543
4000	2	48	-	-	5	34	6	93	17	196	235	2034	45	701
5000	100	15	-	-	4	8	136	176	14	28	184	113	190	76
CUT MO.	150	985	-	-	268	1710	173	2234	126	3054	578	7577	413	10358
CUT YTD	860	12958	215	605	2887	19201	1433	16148	2544	52510	8428	102981	13659	126120
1010	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3582	-	-	-	-	1	12	-	-	-	-	41	422	2	32
3583	-	-	-	-	-	-	28	49	263	13	90	136	436	108
3584	-	-	-	-	-	-	-	-	-	-	-	-	2	206
3586	-	-	-	-	-	-	-	-	1	69	4	67	7	74
3587	-	-	-	-	-	-	4	83	9	187	-	-	18	249
3588	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3589	-	-	-	-	-	-	-	-	-	-	1	14	-	-
3591	-	-	-	-	-	-	9	138	-	-	1	9	1	3
3592	-	-	-	-	1	6	1	5	5	82	-	-	4	41
3593	-	-	-	-	-	-	-	-	1	116	-	-	-	-
3594	-	-	-	-	-	-	-	-	2	25	-	-	-	-
3595	-	-	-	-	-	-	2	1010	-	-	1	16	-	-
3596	-	-	-	-	3	40	2	32	-	-	2	80	7	175
3597	-	-	-	-	-	-	-	-	-	-	-	-	7	1807
3598	-	-	-	-	-	-	-	-	-	-	2	9	1	58
3599	-	-	-	-	1	66	2	16	3	100	4	506	7	543
FRM MO.	-	-	-	-	6	124	48	1333	284	592	146	1258	492	3295
FRM YTD	2	9	-	-	185	2157	410	7525	791	11395	1476	13868	2814	35995
TOT MO.	150	985	-	-	274	1834	221	3567	410	3646	724	8835	905	13653
TOT YTD	862	12967	215	605	3072	21358	1843	23672	3335	63905	9904	116848	16473	162115

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
OCTOBER 1981

	YUGOSLAVIA		CANADA		INDIA		JAPAN		TAIWAN		AUSTRALIA		ALL OTHERS	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	-	-	-	-	-	-	1	137	-	-	-	-	9	368
3035	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	132	12093	-	-	-	-	-	-
3206	-	-	-	-	-	-	3	323	-	-	-	-	-	-
3209	-	-	-	-	-	-	29	4370	-	-	-	-	-	-
3211	-	-	-	-	-	-	51	4031	-	-	-	-	-	-
3212	-	-	1	718	-	-	-	-	-	-	-	-	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3222	-	-	-	-	-	-	11	1221	-	-	-	-	9	1578
3223	-	-	-	-	-	-	1	4	345	231	-	-	-	-
3228	-	-	-	-	-	-	4	98	-	-	-	-	-	-
3229	-	-	-	-	-	-	1	12	5	15	-	-	-	-
3234	-	-	-	-	-	-	41	534	26	107	-	-	5	30
3236	-	-	-	-	-	-	-	-	4	11	-	-	-	-
3242	-	-	2	19	-	-	1	11	3	11	-	-	16	186
3264	-	-	-	-	-	-	7	214	-	-	-	-	-	-
3266	-	-	2	61	-	-	4	596	-	-	-	-	3	15
3267	-	-	30	335	-	-	13	242	40	217	-	-	13	94
3268	-	-	-	-	-	-	11	322	14	57	-	-	-	-
3269	-	-	3	113	-	-	26	564	442	1696	-	-	23	301
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	2	251	8	27	-	-	-	-
3281	-	-	-	-	-	-	4	224	-	-	-	-	-	-
3283	-	-	2	58	-	-	3	312	1	4	-	-	2	79
3507	-	-	-	-	-	-	163	10685	5	62	-	-	8	312
3509	-	-	-	-	-	-	149	14024	1	30	-	-	-	-
3511	-	-	-	-	-	-	24	3432	-	-	-	-	-	-
3512	-	-	17	229	2	22	31	594	213	1473	-	-	252	2215
3513	-	-	-	-	-	-	13	275	3	15	-	-	-	-
3514	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	10	638	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	6	56	-	-	11	34	22	2022	57	411	-	-	2	13
3521	-	-	7	684	-	-	20	1775	-	-	-	-	-	-
3522	-	-	3	19	-	-	26	1900	74	437	-	-	20	333
3527	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3528	-	-	12	[illegible]	-	-	5	344	-	-	-	-	-	-
3529	-	-	2	11	-	-	10	332	22	78	-	-	9	89
3533	-	-	-	-	-	-	1	61	-	-	-	-	-	-
3539	-	-	-	-	-	-	1	59	-	-	-	-	-	-
3541	-	-	-	-	-	-	20	378	3	64	-	-	21	310
3543	1	20	1	15	-	-	14	340	25	107	-	-	11	166
3546	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3554	-	-	-	-	-	-	2	66	2	13	-	-	-	-
3556	-	-	-	-	-	-	18	148	1	6	-	-	-	-
3558	-	-	-	-	-	-	7	379	-	-	-	-	-	-
3559	2	66	2	95	-	-	7	110	15	80	-	-	1	29
3562	-	-	-	-	-	-	93	709	-	-	-	-	-	-
3564	-	-	-	-	-	-	4	232	-	-	-	-	-	-
3567	-	-	-	-	-	-	1	66	-	-	-	-	-	-
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3576	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3577	-	-	-	-	-	-	30	488	18	75	-	-	14	152
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3579	-	-	1	47	-	-	34	456	3	12	-	-	-	-
4000	-	-	8	152	-	-	28	778	76	9	-	-	7	68
5000	-	-	275	44	40	31	5133	600	96234	5406	-	-	248	67
CUT MO.	9	142	368	3196	53	87	6211	66445	97640	10654	-	-	673	6404
CUT YTD	309	4015	2878	24518	165	1034	66403	524299	641259	83001	4	72	5567	46099
1010	-	-	-	-	-	-	1	78	-	-	-	-	-	-
3582	-	-	3	30	-	-	-	-	-	-	-	-	-	-
3583	-	-	107	26	51	3	50	85	918	39	-	-	71	34
3584	-	-	-	-	-	-	28	2879	-	-	-	-	-	-
3586	-	-	4	91	-	-	33	590	-	-	-	-	6	35
3587	-	-	4	87	-	-	6	211	-	-	-	-	-	-
3588	-	-	1	20	-	-	-	-	-	-	-	-	-	-
3589	-	-	6	119	-	-	20	184	-	-	-	-	-	-
3591	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3592	-	-	18	183	-	-	10	198	-	-	-	-	-	-
3593	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3594	-	-	4	129	-	-	7	2972	-	-	-	-	-	-
3595	-	-	1	13	-	-	-	-	-	-	-	-	1	9
3596	-	-	9	244	-	-	25	1428	-	-	-	-	-	-
3597	-	-	-	-	-	-	3	154	-	-	-	-	-	-
3598	-	-	1	15	-	-	-	-	-	-	-	-	-	-
3599	-	-	4	113	-	-	20	295	-	-	-	-	-	-
FRM MO.	-	-	162	1069	51	3	203	9073	918	39	-	-	78	77
FRM YTD	-	-	3164	13522	99	121	4861	49811	3308	762	12	13	393	2584
TOT MO.	9	142	530	4265	104	90	6414	75518	98558	10694	-	-	751	6482
TOT YTD	309	4015	6042	38040	264	1155	71264	574110	644567	83763	16	85	5960	48683

OCTOBER 1981 - U.S. IMPORTS OF MACHINE TOOLS

Total and Countries of Origin

The following is a breakdown of the activity by country which is included in the ALL OTHER column on page 4.

14

	METAL CUTTING UNITS	METAL CUTTING $000	METAL FORMING UNITS	METAL FORMING $000	TOTAL UNITS	TOTAL $000
EUROPE						
AZORES	-	-	-	-	-	-
BULGARIA	37	116	-	-	37	116
CYPRUS	-	-	-	-	-	-
FINLAND	-	-	10	3	10	3
GREECE	-	-	-	-	-	-
HUNGARY	14	263	6	35	20	298
ICELAND	-	-	-	-	-	-
IRELAND	-	-	-	-	-	-
ROMANIA	39	474	-	-	39	474
USSR	3	71	-	-	3	71
GIBRALTAR	-	-	-	-	-	-
TOTAL	93	924	16	38	109	962
OTHER N.AC.AM						
BAHAMAS	-	-	-	-	-	-
BARBADOS	-	-	-	-	-	-
BELIZE	-	-	-	-	-	-
BERMUDA	-	-	-	-	-	-
CAYMAN	-	-	-	-	-	-
COSTA RICA	-	-	-	-	-	-
DOMINICAN REP.	-	-	-	-	-	-
FR. W. INDIES	-	-	-	-	-	-
GUATEMALA	-	-	-	-	-	-
HAITI	-	-	-	-	-	-
HONDURAS	-	-	-	-	-	-
JAMAICA	-	-	-	-	-	-
LW & WW IS.	-	-	-	-	-	-
MEXICO	1	27	-	-	1	27
NICARAGUA	-	-	-	-	-	-
N. ANTILLES	-	-	-	-	-	-
PANAMA	-	-	-	-	-	-
SALVADOR	-	-	-	-	-	-
TRINIDAD	-	-	-	-	-	-
TOTAL	1	27	-	-	1	27
OTHER S. AMER						
ARGENTINA	206	3	-	-	206	3
BOLIVIA	-	-	-	-	-	-
BRAZIL	48	2121	1	9	49	2130
CHILE	-	-	-	-	-	-
COLOMBIA	-	-	-	-	-	-
ECUADOR	-	-	-	-	-	-
FRENCH GUIANA	-	-	-	-	-	-
GUYANA	-	-	-	-	-	-
PARAGUAY	-	-	-	-	-	-
PERU	-	-	-	-	-	-
SURINAM	-	-	-	-	-	-
URUGUAY	-	-	-	-	-	-
VENEZUELA	-	-	-	-	-	-
TOTAL	254	2125	1	9	255	2133
OTHER ASIA						
AFGHANISTAN	-	-	-	-	-	-
ADEN	-	-	-	-	-	-
ARAB EMIRATES	-	-	-	-	-	-
BAHRAIN	-	-	-	-	-	-
BANGLADASH	-	-	-	-	-	-
BRUNEI	-	-	-	-	-	-
BURMA	-	-	-	-	-	-
CHINA	65	380	-	-	65	380
GAZA STRIP	-	-	-	-	-	-
HONG KONG	6	3	-	-	6	3
INDONESIA	-	-	-	-	-	-
IRAN	-	-	-	-	-	-
IRAQ	-	-	-	-	-	-
ISRAEL	3	105	-	-	3	105
JORDAN	-	-	-	-	-	-
KOREAN REP.	149	1671	60	30	209	1701
KUWAIT	-	-	-	-	-	-
LEBANON	-	-	-	-	-	-
MALAYSIA	-	-	-	-	-	-
NEPAL	-	-	-	-	-	-
OMAN	-	-	-	-	-	-
PAKISTAN	-	-	-	-	-	-
PHILLIPINES	-	-	-	-	-	-
QATAR	-	-	-	-	-	-
SAUDI ARABIA	-	-	-	-	-	-
SINGAPORE	102	1169	-	-	102	1169
SRI LANKA	-	-	-	-	-	-
SYRIA	-	-	-	-	-	-
THAILAND	-	-	-	-	-	-
TURKEY	-	-	-	-	-	-
YEMEN	-	-	-	-	-	-
TOTAL	325	3328	60	30	385	3358

	METAL CUTTING UNITS	METAL CUTTING $000	METAL FORMING UNITS	METAL FORMING $000	TOTAL UNITS	TOTAL $000
OTHER OCEANIA						
FR. PAC. IS.	-	-	-	-	-	-
NEW GUINEA	-	-	-	-	-	-
NEW ZEALAND	-	-	-	-	-	-
TERR. PAC. IS.	-	-	-	-	-	-
OTH. PAC. IS.	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-
OTHER AFRICA						
BOTSWANA	-	-	-	-	-	-
ALGERIA	-	-	-	-	-	-
ANGOLA	-	-	-	-	-	-
BENIN	-	-	-	-	-	-
CAMEROON	-	-	-	-	-	-
CANARY ISLANDS	-	-	-	-	-	-
DAHOMEY	-	-	-	-	-	-
EGYPT	-	-	-	-	-	-
ETHIOPIA	-	-	-	-	-	-
GABON	-	-	-	-	-	-
GHANA	-	-	-	-	-	-
GUINEA	-	-	-	-	-	-
KENYA	-	-	-	-	-	-
LESOTHO	-	-	-	-	-	-
LIBERIA	-	-	-	-	-	-
LIBYA	-	-	-	-	-	-
MALAWI	-	-	-	-	-	-
MAURITANIA	-	-	-	-	-	-
MOROCCO	-	-	-	-	-	-
MOZAMBIQUE	-	-	-	-	-	-
NIGER	-	-	-	-	-	-
NIGERIA	-	-	-	-	-	-
REP. S. AFRICA	-	-	-	-	-	-
RWANDA	-	-	-	-	-	-
SENEGAL	-	-	-	-	-	-
SIERRA LEONE	-	-	-	-	-	-
SOMALIA	-	-	-	-	-	-
S. W. AFRICA	-	-	-	-	-	-
SUDAN	-	-	-	-	-	-
SWAZILAND	-	-	-	-	-	-
TANZANIA	-	-	-	-	-	-
TUNISIA	-	-	-	-	-	-
ZIMBABWE	-	-	1	2	1	
WEST AFRICA	-	-	-	-	-	-
ZAIRE	-	-	-	-	-	-
TOTAL	-	-	1	2	1	2

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REPORT
February 22, 1982

U.S. FOREIGN TRADE IN MACHINE TOOLS
NOVEMBER 1981

U.S. foreign trade in machine tools during November 1981 resulted in a trade deficit of $68.9 million for the month, bringing the 11-month total deficit to $410.6 million. Compared to October 1981, U.S. exports declined 17% while imports fell less than 1%. Year-to-date machine tool exports of $963.5 million were 36% ahead of the same period last year while U.S. imports of $1,374.1 million rose 16% over the first eleven months of 1981.

U.S. Machine Tool Trade
($Millions)

November 1981	Exports	Imports	Surplus (Deficit)
Metal Cutting	$ 44.5	$119.5	($ 75.0)
Metal Forming	$ 21.1	$ 14.9	$ 6.2
Total	$ 65.5	$134.4	($ 68.9)
11 Mos. 1981			
Metal Cutting	$683.0	$1,199.4	($516.4)
Metal Forming	$280.5	$ 174.7	$105.8
Total	$963.5	$1,374.1	($410.6)

U.S. EXPORTS of both metal cutting and metal forming machine tools fell from October 1981 totals, by 11% and 27%, respectively. The year-to-date total for cutting types was 52% above the first eleven months of 1980, with metal forming exports up 8%. For January through November 1981, the leading export markets were (in millions): Mexico ($245.5), Canada ($241.8), the United Kingdom ($60.9), Japan ($48.2) and West Germany ($32.8).

U.S. IMPORTS of metal cutting machine tools during November 1981 were up 2% from October and the eleven month total is 24% higher than the first eleven months of 1980. Metal forming machine tool imports declined 20% from the October level and were 20% below the year-to-date total for 1980. Leading exporters of machine tools to the U.S. during the first eleven months of 1981 were (in millions): Japan ($642.7), West Germany ($177.0), the United Kingdom ($127.3) and Taiwan ($93.7).

* * *

national machine tool builders' association
7901 WESTPARK DRIVE
McLEAN, VIRGINIA 22102
AREA CODE (703) 893-2900
TWX 710-831-0031 NMTBA MCLN

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1981

RELEASED: February 22, 1982

Code	Description	TOTAL YTD UNITS	TOTAL YTD $000	TOTAL MO. UNITS	TOTAL MO. $000	AUSTRIA UNITS	AUSTRIA $000	BELGIUM UNITS	BELGIUM $000
674:	**METAL CUTTING**								
3020	Gear Hobbers & Shapers	216	22379	5	827	-	-	-	-
3045	Gear Cutting Machines, N.E.C.	384	33994	19	1517	-	-	-	-
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26'' or Less	52	5299	3	303	-	-	-	-
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26''	24	5880	-	-	-	-	-	-
3209	Horizontal Machining Centers, ATC, NC	106	30423	2	398	-	-	-	-
3211	Machining Centers, NC, N.E.C.	129	13961	15	983	-	-	-	-
3216	Single Station and Multi-Station Transfer Machines	216	90907	4	6792	-	-	-	-
3225	Way Type Machines (Unit Heads)	19	3049	4	748	-	-	-	-
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	16	8458	1	787	-	-	-	-
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	2	631	-	-	-	-	-	-
3247	Vertical Boring-Drilling-Milling Machines, NC	45	4738	1	103	-	-	-	-
3248	Horiz. Boring-Drilling-Milling Machines, non-NC	20	2469	1	85	-	-	-	-
3249	Vertical Boring-Drilling-Milling Machines, non-NC	477	37162	9	58	-	-	-	-
3254	Drilling Machines, NC	27	4296	5	1029	-	-	-	-
3255	Drilling Machines, Multi-Spindle, non-NC	89	7384	3	383	-	-	-	-
3256	Drilling Machines, Radial, non-NC	93	1778	2	371	-	-	-	-
3257	Drilling Machines, Upright, Single Spindle, non-NC	93	2863	-	-	-	-	-	-
3258	Drilling Machines, non-NC, N.E.C.	375	7123	9	132	-	-	-	-
3264	Milling Machines, NC	44	21048	2	430	-	-	-	-
3266	Milling Machines, Profiling, Dupl. & Die Sinking, non-NC	65	5532	4	36	-	-	-	-
3267	Milling Machines, Knee Type, non-NC	10	487	2	79	-	-	-	-
3268	Milling Machines, Bed Type, non-NC	18	1950	3	382	-	-	-	-
3269	Milling Machines, non-NC, N.E.C.	139	6484	9	550	-	-	-	-
3276	Vertical Boring Machines, incl. VTL's, NC	22	4843	-	-	-	-	-	-
3277	Vertical Boring Machines, incl. VTL's, non-NC	110	12314	8	823	-	-	-	-
3281	Boring Machines, NC, N.E.C.	7	1027	-	-	-	-	-	-
3283	Boring Machines, non-NC, N.E.C.	68	4354	6	658	-	-	-	-
3504	Horizontal Lathes, NC, Less Than 25 HP	98	6825	10	842	-	-	-	-
3506	Horizontal Lathes, NC, 25-50 HP	49	8890	5	861	-	-	-	-
3508	Horizontal Lathes, NC, Over 50 HP	11	3871	-	-	-	-	-	-
3510	Horizontal Engine & Toolroom Lathes, non-NC	295	5452	32	403	-	-	-	-
3511	Automatic Chucking Lathes, Single Spindle, non-NC	44	6071	2	420	-	-	-	-
3512	Automatic Chucking Lathes, Multi-Spindle, non-NC	34	4481	-	-	-	-	-	-
3515	Automatic Bar Machines, Single Spindle, non-NC	66	2727	5	206	-	-	-	-
3516	Automatic Bar Machines, Multi-Spindle, non-NC	82	7438	6	528	-	-	-	-
3518	Horizontal Lathes, non-NC, N.E.C.	492	17787	46	2401	-	-	-	-
3519	Vertical Lathes, excl. VTL's, NC	29	3771	3	78	-	-	-	-
3525	Vertical Lathes, excl. VTL's, non-NC	194	18325	19	2579	-	-	-	-
3528	Grinding, Polishing, Honing & Lapping Machines, NC	108	18303	12	1082	-	-	-	-
3529	Gear Tooth Grinding & Finishing Machines, non-NC	104	17347	7	252	-	-	-	-
3531	Tool & Cutter Grinding Machines, non-NC	383	8541	25	468	-	-	-	-
3532	Honing & Lapping Machines, non-NC	428	8911	35	1394	-	-	-	-
3533	Grinding Machines, Flat Surface Reciprocating Table, non-NC	201	2500	3	18	-	-	-	-
3538	Grinding Machines, Flat Surface, non-NC, N.E.C.	317	[illegible]	28	608	-	-	-	-
3541	External Grinding Machines, non-NC	101	[illegible]	9	843	-	-	-	-
3542	Internal Grinding Machines, non-NC	25	4865	3	379	-	-	-	-
3544	Grinding, Polishing & Buffing Machines, non-NC, N.E.C.	255	10684	14	985	-	-	-	-
3546	Grinding Machines, non-NC, N.E.C.	728	28117	38	2003	-	-	-	-
3547	Traveling Wire Electrical Discharge Machines	48	1514	-	-	-	-	-	-
3549	All Other Electrical Discharge Machines	257	3401	20	89	-	-	-	-
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	5	494	1	34	-	-	-	-
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, non-NC	56	1187	13	211	-	-	-	-
3559	Metal Cutting Machine Tools, NC, N.E.C.	101	2480	-	-	-	-	-	-
3565	Sawing & Cut-off Machines, non-NC	699	11948	30	398	-	-	-	-
3566	Broaching Machines, non-NC	307	10527	10	731	-	-	-	-
3567	Metal Cutting Machine Tools, non-NC, N.E.C.	653	20023	75	1980	-	-	-	-
4000	Metal Cutting Machine Tools, Used or Rebuilt*	4376	48053	464	4627	-	-	-	-
5000	Metal Cutting Machine Tools, Less Than $2500*	61523	18182	6946	1941	-	-	811	52
	TOTAL CUTTING			7630	60461	-	-	811	52
	TOTAL CUTTING YTD	74941	683026			23	1190	2230	1873
674:	**METAL FORMING**								
1011	Die Casting Machines & Parts	-	14430	-	1082	-	-	-	8
3568	Metal Forming Machine Tools, Used or Rebuilt	1957	21233	219	1652	-	-	-	-
3569	Metal Forming Machine Tools, Less Than $2500	9163	5808	638	361	-	-	2	1
3571	Punching & Shearing Machines, incl. Combination, NC	106	12084	22	2041	-	-	-	-
3573	Shearing Machines, non-NC	137	7395	22	706	-	-	-	-
3575	Punching & Combination Punching & Shearing Machines, non-NC	881	20931	100	1830	-	-	1	23
3578	Bending, Folding, Straightening & Flattening Machines, NC	193	12597	19	840	-	-	-	-
3582	Press Brakes, non-NC	129	9919	3	195	-	-	-	-
3583	Bending Rolls, Ram & Press Bending Machines, non-NC	54	2804	3	125	-	-	-	-
3584	Bending,Folding,Str. & Flattening Machines, non-NC, N.E.C.	717	21735	63	2244	-	-	-	-
3588	Mechanical Presses, non-NC	388	20874	27	1575	-	-	-	-
3589	Hydraulic Presses, Vertical, Single Action, non-NC	111	14576	90	843	-	-	-	-
3590	Hydraulic & Pneumatic Presses, non-NC, N.E.C.	376	36451	50	1988	-	-	-	-
3594	Headers & Upsetters, non-NC	80	6783	6	705	-	-	-	-
3595	Forging Machines, non-NC, N.E.C.	189	12626	8	379	-	-	-	-
3598	Metal Forming Machine Tools, non-NC, N.E.C.	1223	64107	15	4896	-	-	3	95
	TOTAL FORMING			1241	21067	-	-	6	132
	TOTAL FORMING YTD	15470	280450			3	108	113	2802
	TOTAL ALL TYPES			8875	81528	-	-	817	184
	TOTAL ALL TYPES YTD	90111	963480			26	1298	2345	4675

Source: U.S. Department of Commerce, Census Report No. EM522; National Machine Tool Builders' Association.
NOTES: 1) a/Dollar amount less than $500; 2) N.E.C. - Not Elsewhere Classified; 3) Individual items may not add to totals due to rounding.
4) Beginning in January 1980, foreign trade data for die casting machines are included in the metal forming total.

*Code 6744000 shown above represents combined data from codes 674:3015,3241,3252,3261,3272,3501,3526 & 3554.
Code 6745000 shown above represents combined data from codes 674:3243,3253,3262,3273,3502,3527 & 3557.

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1981

	DENMARK		FINLAND		FRANCE		GREECE		IRELAND		ITALY		NETHERLANDS	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	1	107	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	1	196	-	-
3211	-	-	-	-	-	-	-	-	-	-	1	13	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	-	-	2	36	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3528	-	-	-	-	-	-	-	-	-	-	1	253	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3532	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3538	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3546	-	-	-	-	39	722	1	5	1	7	-	-	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	5	5	-	-	-	-	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	1	119	-	-	-	-	-	-	-	-
4000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5000	-	-	-	-	-	-	1	1	1	1	6	8	215	77
CUT NO.	-	-	5	5	41	948	2	6	2	8	11	506	215	77
CUT YTD	19	513	54	1263	431	10150	34	287	610	2950	767	8906	3029	1450
1011	-	-	-	-	-	-	-	-	-	-	-	-	-	4
3568	-	-	-	-	-	-	-	-	-	-	-	-	122	344
3569	-	-	-	-	51	44	-	-	-	-	7	2	10	5
3571	-	-	-	-	2	160	-	-	1	22	1	160	2	124
3573	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3575	-	-	-	-	-	-	-	-	-	-	-	-	6	71
3578	-	-	-	-	-	-	-	-	-	-	-	-	1	69
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	-	-	1	174	-	-	-	-	-	-	-	-
3588	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3590	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3598	-	-	1	6	2	935	-	-	-	-	-	-	-	-
FRM NO.	-	-	1	6	56	1313	-	-	1	22	8	162	141	616
FRM YTD	42	772	18	541	430	8058	8	1117	72	8366	138	6333	388	5706
TOT NO.	-	-	6	11	97	2261	2	6	3	31	19	668	356	694
TOT YTD	61	1286	72	1804	861	18217	42	1403	682	11326	905	15238	3417	7156

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1981

	NORWAY		POLAND		ROMANIA		SPAIN		SWEDEN		SWITZERLAND		U. KINGDOM	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	1	107	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	1	61
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	3	23
3254	-	-	-	-	-	-	-	-	-	-	-	-	1	101
3255	-	-	-	-	-	-	-	-	-	-	-	-	1	39
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	5	328
3506	-	-	-	-	-	-	-	-	-	-	-	-	2	206
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	2	61	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	3	104
3518	-	-	-	-	-	-	-	-	-	-	-	-	2	286
3519	-	-	-	-	-	-	-	-	-	-	-	-	2	56
3525	-	-	-	-	-	-	-	-	-	-	-	-	1	22
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	-	-	-	-	-	-	-	-	-	-	-	-	1	7
3532	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3538	-	-	-	-	1	27	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	1	105
3542	-	-	-	-	-	-	1	255	-	-	-	-	-	-
3544	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3546	-	-	-	-	1	378	-	-	-	-	1	80	11	307
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	1	34
3553	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	-	-	-	-	-	-	-	-	-	-	-	-	2	29
3566	-	-	-	-	-	-	-	-	-	-	-	-	2	62
3567	-	-	-	-	-	-	-	-	-	-	2	39	4	79
4000	-	-	-	-	-	-	-	-	-	-	-	-	1	1760
5000	-	-	-	-	-	-	-	-	6	1	10	16	41	43
CUT NO.	-	-	-	-	2	405	3	317	6	1	14	240	85	3652
CUT YTD	477	700	-	-	8	1377	131	3277	229	2372	1015	7469	2069	44513
1011	-	19	-	-	-	-	-	1	-	-	-	-	-	53
3568	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3569	1	1	-	-	-	-	-	-	3	3	3	4	1	2
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	-	-	1	222
3575	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3578	-	-	-	-	-	-	-	-	-	-	1	51	-	-
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	-	-	-	-	1	43	-	-	-	-	2	39
3588	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3590	-	-	-	-	1	109	-	-	-	-	4	184	2	108
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3598	-	-	-	-	-	-	1	703	-	-	2	80	3	724
FRM NO.	1	19	-	-	1	109	2	747	3	3	10	319	11	1148
FRM YTD	19	256	-	-	1	109	37	5727	60	1793	135	1300	651	16377
TOT NO.	1	19	-	-	3	514	5	1064	7	4	24	559	96	4800
TOT YTD	496	956	-	-	9	1486	168	9005	298	4165	1150	8770	2720	60890

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1981

	USSR		W. GERMANY		YUGOSLAVIA		CANADA		MEXICO		OTH. N&C AM		ARGENTINA	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	-	-	3	370	-	-	-	-	-	-
3045	-	-	3	38	-	-	2	44	6	186	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	1	291	-	-	2	171	1	98	-	-	-	-
3216	-	-	1	512	-	-	3	6280	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	4	748	-	-	-	-
3245	-	-	-	-	-	-	1	787	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	1	85	-	-	-	-	-	-
3249	-	-	-	-	-	-	1	23	-	-	-	-	-	-
3254	-	-	-	-	-	-	1	72	2	735	-	-	-	-
3255	-	-	1	107	-	-	-	-	1	237	-	-	-	-
3256	-	-	-	-	-	-	-	-	2	371	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	-	-	4	428	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	1	32	-	-	-	-
3266	-	-	-	-	-	-	-	-	3	25	-	-	1	11
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	3	392	-	-	-	-
3269	-	-	-	-	-	-	-	-	3	111	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	7	814	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	4	536	-	-	-	-	-	-
3504	-	-	-	-	-	-	2	131	2	180	-	-	-	-
3506	-	-	-	-	-	-	-	-	1	200	-	-	1	96
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	13	274	16	81	-	-	1	25
3511	-	-	-	-	-	-	2	620	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	3	425	-	-	-	-	-	-
3518	-	-	1	4	-	-	7	353	17	1496	-	-	-	-
3519	-	-	-	-	-	-	1	21	-	-	-	-	-	-
3525	-	-	-	-	-	-	4	731	3	533	-	-	1	89
3528	-	-	-	-	-	-	5	625	2	59	-	-	-	-
3529	-	-	-	-	-	-	3	68	2	37	-	-	-	-
3531	-	-	-	-	-	-	27	381	4	63	-	-	-	-
3532	-	-	-	-	-	-	14	1089	20	282	-	-	-	-
3533	-	-	-	-	-	-	1	5	1	9	-	-	-	-
3538	-	-	-	-	-	-	6	262	14	234	-	-	1	23
3541	-	-	-	-	-	-	-	-	1	54	-	-	-	-
3542	-	-	-	-	-	-	1	124	-	-	-	-	-	-
3544	-	-	2	110	-	-	7	275	4	150	-	-	-	-
3546	-	-	6	42	-	-	3	152	3	120	1	3	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	-	-	-	-	-	-	-	-	6	11
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	7	83	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	-	-	-	-	-	-	13	146	11	177	-	-	-	-
3566	-	-	-	-	-	-	1	175	4	446	-	-	-	-
3567	-	-	10	343	-	-	7	116	7	347	2	5	-	-
4000	-	-	2	10	-	-	82	534	258	1228	-	-	-	-
5000	-	-	78	67	-	-	1849	327	482	220	695	130	7	8
CUT MO.	-	-	105	1521	-	-	2073	15630	892	9747	658	138	18	263
CUT YTD	33	15125	1570	25431	26	1768	23985	198616	9732	183723	3877	2670	157	3697
1011	-	-	-	74	-	-	-	422	-	357	-	103	-	1
3568	-	-	-	-	-	-	16	513	34	486	1	2	-	-
3569	-	-	26	4	-	-	256	166	28	25	38	13	5	4
3571	-	-	4	348	-	-	2	687	4	104	-	-	-	-
3573	-	-	-	-	-	-	2	31	12	523	2	15	-	-
3575	-	-	1	12	-	-	17	251	29	664	13	175	-	-
3578	-	-	-	-	-	-	1	18	12	622	-	-	8	37
3582	-	-	-	-	-	-	-	-	2	180	-	-	-	-
3583	-	-	-	-	-	-	1	41	1	70	-	-	-	-
3584	-	-	-	-	-	-	12	322	27	975	2	22	-	-
3588	-	-	-	-	-	-	9	384	9	225	-	-	-	-
3589	-	-	-	-	-	-	1	64	8	724	-	-	-	-
3590	-	-	-	-	-	-	8	142	26	484	1	11	-	-
3594	-	-	-	-	-	-	2	688	-	-	-	-	-	-
3595	-	-	-	-	-	-	2	65	1	25	1	8	-	-
3598	-	-	4	146	-	-	2	19	25	1637	1	3	-	-
FBM MO.	-	-	35	584	-	-	331	3812	218	7100	59	351	7	42
FBM YTD	53	1359	511	7322	7	2992	4329	43167	2970	61759	291	2442	106	3249
TOT MO.	-	-	140	2105	-	-	2404	19442	1110	16887	717	488	25	304
TOT YTD	86	16484	2081	32753	33	4760	28314	241783	12702	245483	4168	5113	263	6946

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1981

	BRAZIL		CHILE		COLOMBIA		PERU		VENEZUELA		OTH. S. AM.		INDIA	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	1	183	-	-	-	-	-	-	-	-	-	-	1	274
3045	1	368	-	-	-	-	-	-	1	300	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	1	154	-	-	-	-
3211	8	331	-	-	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	2	75	-	-	-	-	-	-	-	-	-	-	-	-
3264	1	398	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	1	56	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	1	336	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	1	9	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	1	42	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	1	68	-	-	-	-	-	-	-	-	-	-	2	77
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	3	54	-	-	-	-	-	-	2	22	-	-	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	3	615	-	-	-	-	-	-	-	-	-	-	2	447
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	-	-	-	-	-	-	-	-	-	-	1	11	-	-
3532	1	22	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3538	1	10	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	2	432
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3546	-	-	-	-	-	-	-	-	5	67	-	-	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	1	6	-	-	-	-	-	-	2	50	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	4	57
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	-	-	-	-	-	-	1	6	-	-	-	-	-	-
3566	-	-	-	-	-	-	-	-	-	-	-	-	3	48
3567	22	741	-	-	-	-	-	-	10	90	1	18	-	-
4000	-	-	34	54	1	20	3	19	3	21	28	93	-	-
5000	2	3	7	9	6	8	13	4	212	142	7	6	9	2
CUT MO.	47	2874	41	63	9	79	17	29	238	1238	37	127	23	1335
CUT YTD	501	14464	2613	1169	419	2001	105	519	1766	7677	470	2198	243	9417
1011	-	-	-	8	-	6	-	-	-	4	-	1	-	-
3568	-	-	-	-	33	134	1	6	-	-	-	-	9	157
3569	-	-	-	-	-	-	-	-	45	24	-	-	-	-
3571	1	59	-	-	-	-	-	-	-	-	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3575	-	-	-	-	-	-	1	15	-	-	3	36	-	-
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	1	14	-	-	-	-
3584	1	9	-	-	-	-	-	-	6	182	1	45	1	14
3588	-	-	-	-	-	-	1	20	1	67	1	11	-	-
3589	-	-	-	-	-	-	-	-	-	-	-	-	1	55
3590	-	-	-	-	1	17	-	-	1	25	-	-	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3598	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FRM MO.	2	67	-	-	34	157	3	40	54	317	5	93	11	226
FRM YTD	138	9052	73	683	179	2496	208	2678	745	6937	340	2332	86	4742
TOT MO.	49	2941	41	71	43	236	20	70	292	1555	42	220	34	1560
TOT YTD	639	23516	2686	1852	598	4497	313	3197	2511	14614	810	4530	329	14158

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1981

	IRAN		ISRAEL		JAPAN		KOREAN REP.		PHILLIPINES		SINGAPORE		TAIWAN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	4	81	-	-	-	-	1	144	1	357
3204	-	-	-	-	1	89	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	1	19
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	1	103	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	1	16	-	-	1	13	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	1	52	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	-	-	-	-	1	160	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	1	16	-	-	1	8	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	-	-	1	12	6	84
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	1	47	-	-	4	95	-	-
3528	-	-	-	-	2	749	-	-	-	-	-	-	-	-
3529	-	-	-	-	2	187	-	-	-	-	-	-	-	-
3531	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3532	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3538	-	-	-	-	-	-	-	-	1	9	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	-	-	5	442	-	-	-	-	-	-	-	-
3546	-	-	-	-	1	3	-	-	-	-	3	98	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	3	8	-	-	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-		-	-	-	-	-	-	-	-	-	-	-	-
3565	-	-	-	-	1	18	-	-	-	-	-	-	-	-
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	1	4	1	50	-	-	-	-	-	-	-	-
4000	-	-	-	-	2	30	-	-	-	-	2	96	-	-
5000	-	-	20	4	859	61	17	14	15	29	259	58	33	4
CUT MO.	-	-	21	8	884	1907	18	61	19	110	271	606	41	464
CUT YTD	1	21	332	4969	2202	35982	587	12623	346	1940	1351	9775	284	6110
1011	-	-	-	5	-	3	-	-	-	5	-	-	-	2
3568	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3569	-	-	46	16	24	6	-	-	-	-	5	2	1	2
3571	-	-	4	187	1	190	-	-	-	-	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	2	20	1	10
3575	-	-	-	-	-	-	-	-	-	-	10	55	-	-
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	-	-	-	-	-	-	-	-	2	21	-	-
3588	-	-	-	-	1	110	-	-	-	-	-	-	-	-
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3590	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	1	181	-	-	1	3	-	-	-	-	-	-
3598	-	-	-	-	1	109	-	-	-	-	3	124	-	-
FRM MO.	-	-	51	390	27	419	1	3	-	-	22	222	2	14
FRM YTD	1	5	207	2117	321	12249	78	2313	107	1263	648	3216	137	8481
TOT MO.	-	-	72	398	911	2326	19	64	19	114	293	827	43	478
TOT YTD	2	26	539	7086	2523	48231	665	14936	453	3204	1999	12991	421	14591

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1981

	TURKEY		OTHER ASIA		AUSTRALIA		N. ZEALAND		REP./S.AFR.		OTH. AFRICA		ALL OT CTRY	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	1	10	-	-	-	-	-	-	-	-	-	-
3254	-	-	1	121	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	1	23	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	1	7	1	19	1	18	-	-	-	-	1	8	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	1	81	-	-	-	-
3504	-	-	1	24	-	-	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	3	33	1	5	-	-	1	14	-	-	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3528	-	-	-	-	-	-	-	-	2	195	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	-	-	-	-	2	6	-	-	-	-	-	-	-	-
3532	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	1	5	-	-
3538	-	-	4	43	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	1	253	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	1	8	-	-	-	-	-	-	-	-	-	-
3546	-	-	1	3	1	17	-	-	-	-	-	-	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	2	7	1	2	-	-	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	2	71	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	-	-	-	-	-	-	-	-	-	-	2	22	-	-
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	1	7	-	-	-	-	1	22	-	-	-	-
4000	-	-	2	128	1	2	-	-	25	498	-	-	20	133
5000	4	3	180	44	304	97	2	1	43	65	413	38	1	2
CUT NO.	5	10	200	519	312	399	2	1	74	898	417	72	21	135
CUT YTD	66	823	4214	16275	2652	14607	37	231	2429	7653	917	4803	1598	2688
1011	-	-	-	14	-	1	-	-	-	-	-	-	-	-
3568	-	-	3	11	-	-	-	-	-	-	-	-	-	-
3569	-	-	26	22	48	12	-	-	10	4	-	-	-	-
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	-	-	3	107
3575	-	-	11	166	4	67	-	-	1	21	2	42	-	-
3578	-	-	2	43	-	-	-	-	-	-	-	-	-	-
3582	1	16	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	3	21	1	4	-	-	1	16	2	358	-	-
3588	-	-	-	-	1	106	-	-	-	-	4	652	-	-
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3590	-	-	4	88	-	-	-	-	-	-	2	421	-	-
3594	-	-	1	6	1	10	-	-	-	-	-	-	-	-
3595	-	-	-	-	1	4	-	-	1	93	-	-	-	-
3598	-	-	1	54	2	106	1	28	1	129	-	-	-	-
FRM NO.	1	16	51	425	58	309	1	28	14	264	10	1473	3	107
FRM YTD	29	487	903	18896	323	5943	122	421	247	7743	84	4669	103	2013
TOT NO.	6	26	251	943	370	707	3	28	88	1162	427	1545	24	241
TOT YTD	95	1310	5117	35171	2975	20550	159	652	2676	15397	1001	9472	1701	4701

NOVEMBER 1981 - U.S. EXPORTS OF MACHINE TOOLS
Total and Countries of Destination
The following is a breakdown of the activity by country which is included in the ALL OTHER columns.

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
EUROPE						
AZORES	-	-	-	-	-	-
BULGARIA	-	-	-	-	-	-
CYPRUS	-	-	-	-	-	-
CZECHOSLOVAKIA	-	-	2	82	2	82
E GERMANY	-	-	-	-	-	-
HUNGARY	-	-	-	-	-	-
ICELAND	1	2	-	-	1	2
PORTUGAL	20	133	1	24	21	157
GIBRALTAR	-	-	-	-	-	-
MALTA	-	-	-	-	-	-
TOTAL	21	135	3	107	24	241
OTHER N.&C.AM						
BAHAMAS	-	-	12	4	12	4
BARBADOS	1	1	-	-	1	1
BELIZE	-	-	-	-	-	-
BERMUDA	1	1	-	-	1	1
CAYMAN	-	-	-	-	-	-
COSTA RICA	71	19	-	-	71	19
DOMINICAN REP.	2	5	24	212	26	217
FR. W. INDIES	-	-	1	8	1	8
GUATEMALA	2	3	-	-	2	3
HAITI	-	-	-	-	-	-
HONDURAS	-	-	-	-	-	-
JAMAICA	10	9	2	5	12	14
LW & WW IS.	4	4	2	12	6	16
NICARAGUA	-	-	-	-	-	-
N. ANTILLES	-	-	-	-	-	-
PANAMA	561	87	2	1	563	88
SALVADOR	1	3	-	-	1	106
TRINIDAD	5	6	16	6	21	12
TOTAL	658	138	59	351	717	468
OTHER S. AMER						
BOLIVIA	-	-	-	-	-	-
ECUADOR	27	58	5	93	32	151
FRENCH GUIANA	-	-	-	-	-	-
GUYANA	2	30	-	-	2	30
PARAGUAY	-	-	-	-	-	-
SURINAM	1	33	-	-	1	33
URUGUAY	7	6	-	-	7	6
TOTAL	37	127	5	93	42	220
OTHER ASIA						
AFGHANISTAN	-	-	-	-	-	-
ADEN	-	-	-	-	-	-
ARAB EMIRATES	12	10	-	-	12	10
BAHRAIN	-	-	-	-	-	-
BANGLADASH	1	8	-	-	1	8
BRUNEI	-	-	-	-	-	-
BURMA	-	-	-	-	-	-
CHINA	-	-	1	1	1	1
GAZA STRIP	-	-	-	-	-	-
HONG KONG	16	137	-	-	16	142
INDONESIA	11	80	-	-	11	80
IRAQ	-	-	-	-	-	-
JORDAN	1	1	2	12	3	13
KUWAIT	1	1	1	1	2	2
LEBANON	-	-	-	-	-	-
MALAYSIA	-	-	13	250	13	250
NEPAL	-	-	-	-	-	-
OMAN	-	-	1	24	1	24
PAKISTAN	1	15	-	-	1	15
QATAR	1	1	-	-	1	1
SAUDI ARABIA	156	266	29	66	185	332
SRI LANKA	-	-	-	-	-	-
SYRIA	-	-	-	-	-	-
THAILAND	-	-	4	65	4	65
YEMEN	-	-	-	-	-	-
TOTAL	200	519	51	425	251	943
OTHER OCEANIA						
FR. PAC. IS.	-	-	-	-	-	-
NEW GUINEA	-	-	-	-	-	-
TERR. PAC. IS.	-	-	-	-	-	-
OTH. PAC. IS.	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-
OTHER AFRICA						
BOTSWANA	-	-	-	-	-	-
ALGERIA	-	-	-	-	-	-
ANGOLA	-	-	-	-	-	-
BENIN	-	-	-	-	-	-
CAMEROON	-	-	-	-	-	-
CANARY ISLANDS	-	-	-	-	-	-
DAHOMEY	-	-	-	-	-	-
EGYPT	404	42	8	1431	412	1473
ETHIOPIA	-	-	-	-	-	-
GABON	-	-	-	-	-	-
GHANA	2	13	1	8	3	21
GUINEA	-	-	-	-	-	-
KENYA	-	-	-	-	-	-
LIBERIA	-	-	-	-	-	-
LIBYA	2	4	-	-	2	4
MALAWI	-	-	-	-	-	-
MAURITANIA	-	-	-	-	-	-
MOROCCO	-	-	-	-	-	-
MOZAMBIQUE	-	-	-	-	-	-
NIGER	-	-	-	-	-	-
NIGERIA	6	9	-	-	6	9
RWANDA	-	-	-	-	-	-
SENEGAL	-	-	-	-	-	-
SIERRA LEONE	-	-	-	-	-	-
SOMALIA	-	-	-	-	-	-
S. W. AFRICA	-	-	-	-	-	-
SUDAN	-	-	-	-	-	-
SWAZILAND	-	-	-	-	-	-
TANZANIA	-	-	-	-	-	-
TUNISIA	-	-	-	-	-	-
ZIMBABWE	2	3	1	34	3	37
WEST AFRICA	-	-	-	-	-	-
ZAIRE	-	-	-	-	-	-
ZAMBIA	-	-	-	-	-	-
OTH WEST AFR.	1	2	-	-	1	2
IVORY COAST	-	-	-	-	-	-
MAURITIUS	-	-	-	-	-	-
TOGO	-	-	-	-	-	-
TOTAL	417	72	10	1473	427	1545

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
NOVEMBER 1981

RELEASED: February 22, 1982

Code	Type of Machine	TOTAL YTD UNITS	TOTAL YTD $000	TOTAL MO. UNITS	TOTAL MO. $000	AUSTRIA UNITS	AUSTRIA $000	BELGIUM UNITS	BELGIUM $000
674:	METAL CUTTING								
3025	Gear Hobbers	178	16335	13	1364	-	-	-	-
3035	Gear Shapers	12	1846	-	-	-	-	-	-
3045	Gear Cutting Machines, N.E.C.	18	3510	4	847	-	-	1	135
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26'' or Less	1041	84822	101	8948	-	-	-	-
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26''	114	16089	12	1762	-	-	-	-
3209	Horizontal Machining Centers, ATC, NC	362	49401	40	5746	-	-	-	-
3211	Machining Centers, NC, N.E.C.	350	32794	49	4842	-	-	-	-
3212	Single Station and Multi-Station Transfer Machines	34	7011	6	1175	-	-	-	-
3213	Way Type Machines (Unit Heads)	2	219	1	66	-	-	1	66
3217	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	18	4824	6	1371	-	-	-	-
3218	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	-	-	-	-	-	-	-	-
3219	Vertical Boring-Drilling-Milling Machines,NC	22	3735	1	19	-	-	-	-
3222	Horiz. Boring-Drilling-Milling Machines,non-NC	197	20160	14	1781	-	-	-	-
3223	Vertical Boring-Drilling-Milling Machines,non-NC	2011	16557	144	1744	-	-	-	-
3228	Drilling Machines,NC	27	1963	3	689	-	-	-	-
3229	Drilling Machines, Multi-Spindle, non-NC	72	3749	3	78	-	-	-	-
3234	Drilling Machines, Radial, non-NC	1397	11269	159	1210	-	-	-	-
3236	Drilling Machines, Upright, Single Spindle, non-NC	216	1341	11	73	-	-	-	-
3242	Drilling Machines, non-NC, N.E.C.	395	6741	21	701	-	-	-	-
3264	Milling Machines, NC	326	26767	47	5356	-	-	-	-
3266	Milling Machines, Profiling, Dupl. & Die Sinking, non-NC	306	5721	38	402	-	-	-	-
3267	Milling Machines, Knee Type, non-NC	3733	28333	180	2256	-	-	-	-
3268	Milling Machines, Bed Type, non-NC	590	15946	115	989	-	-	-	-
3269	Milling Machines, non-NC, N.E.C.	4656	39750	477	2922	-	-	-	-
3276	Vertical Boring Machines, incl. VTL's, NC	32	5334	1	450	-	-	-	-
3277	Vertical Boring Machines, incl. VTL's, non-NC	302	9405	55	1806	-	-	-	-
3281	Boring Machines, NC, N.E.C.	16	4414	-	-	-	-	-	-
3283	Boring Machines, non-NC, N.E.C.	302	15184	19	1289	-	-	-	-
3507	Horizontal Lathes, NC, Less Than 25 HP	1747	112653	162	10159	-	-	-	-
3509	Horizontal Lathes, NC, 25-50 HP	1242	114146	140	11909	-	-	-	-
3511	Horizontal Lathes, NC, Over 50 HP	247	32490	30	4339	-	-	5	394
3512	Horizontal Engine & Toolroom Lathes, non-NC	7212	68689	722	7103	-	-	-	-
3513	Automatic Chucking Lathes, Single Spindle, non-NC	163	5725	20	393	-	-	-	-
3514	Automatic Chucking Lathes, Multi-Spindle, non-NC	120	7456	65	530	-	-	-	-
3515	Automatic Bar Machines, Single Spindle, non-NC	309	7715	36	689	-	-	-	-
3516	Automatic Bar Machines, Multi-Spindle, non-NC	112	10183	5	632	-	-	-	-
3518	Horizontal Lathes, non-NC, N.E.C.	947	24801	165	3969	-	-	-	-
3521	Vertical Lathes, excl. VTL's, NC	261	24806	28	2922	-	-	-	-
3522	Vertical Lathes, excl. VTL's, non-NC	2024	37749	129	2134	-	-	-	-
3527	Gear Tooth Grinding & Finishing Machines	115	10699	5	705	-	-	-	-
3528	Tool & Cutter Grinding Machines, NC	126	8680	17	969	-	-	-	-
3529	Tool & Cutter Grinding Machines, non-NC	1114	16763	97	1005	-	-	-	-
3533	Honing & Lapping Machines	173	8567	20	221	-	-	-	-
3539	Grinding Machines, Flat Surface, NC	39	4098	3	257	-	-	-	-
3541	Grinding Machines, Flat Surface Reciprocating Table,non-NC	574	10930	67	909	-	-	-	-
3543	Grinding Machines, Flat Surface, non-NC, N.E.C.	1188	23794	124	2593	-	-	-	-
3546	Grinding & Polishing Machines, NC, N.E.C.	29	2879	4	219	-	-	-	-
3554	External Grinding Machines, non-NC	591	24859	49	2401	-	-	7	370
3556	Internal Grinding Machines, non-NC	102	4577	7	678	-	-	-	-
3558	Grinding, Polishing & Buffing Machines, non-NC, N.E.C.	184	6317	18	808	-	-	-	-
3559	Grinding Machines, non-NC, N.E.C.	792	16121	111	1483	-	-	1	3
3562	Traveling Wire Electrical Discharge Machines	397	17454	33	1741	-	-	-	-
3564	All Other Electrical Discharge Machines	141	7360	10	318	-	-	-	-
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	123	4369	14	228	-	-	14	228
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, non-NC	98	5004	12	243	-	-	-	-
3576	Metal Cutting Machine Tools, NC, N.E.C.	28	2285	2	208	-	-	-	-
3577	Sawing & Cut-off Machines, non-NC	1171	12484	97	934	-	-	-	-
3578	Broaching Machines, non-NC	53	4432	-	-	-	-	-	-
3579	Metal Cutting Machine Tools, non-NC, N.E.C.	702	20631	55	1633	-	-	-	-
4000	Metal Cutting Machine Tools: Used or Rebuilt*	4625	42160	465	2287	-	-	3	36
5000	Metal Cutting Machine Tools, Less Than $2500*	822096	65131	103312	6997	-	-	-	-
	TOTAL CUTTING			107544	119511	-	-	32	1232
	TOTAL CUTTING YTD	865574	1199357			1562	1671	492	10310
674:	METAL FORMING								
1010	Die Casting Machines	132	3683	8	286	-	-	-	-
3582	Metal Forming Machine Tools, Used or Rebuilt	720	5159	95	289	-	-	-	-
3583	Metal Forming Machine Tools, Less Than $2500	16505	4176	2250	556	-	-	-	-
3584	Punching & Shearing Machines, incl. Combination, NC	231	26548	13	1862	-	-	-	-
3586	Shearing Machines, non-NC	663	10441	35	639	-	-	-	-
3587	Punching & Combination Punching & Shearing Machines, non-NC	657	9400	92	931	-	-	-	-
3588	Bending, Folding, Straightening & Flattening Machines, NC	38	2326	10	137	-	-	-	-
3589	Press Brakes, non-NC	397	6402	27	601	-	-	1	21
3591	Bending Rolls, Ram & Press Bending Machines, non-NC	194	4881	14	198	-	-	-	-
3592	Bending,Folding,Str. & Flattening Machines, non-NC, N.E.C.	845	14080	74	1309	-	-	2	44
3593	Metal Forming Machine Tools, NC, N.E.C.	16	1908	2	13	-	-	-	-
3594	Mechanical Presses, non-NC	146	12718	21	1452	-	-	-	-
3595	Hydraulic Presses, Vertical, Single Action, non-NC	72	3945	5	67	-	-	-	-
3596	Hydraulic & Pneumatic Presses, non-NC, N.E.C.	346	23399	22	940	-	-	-	-
3597	Headers & Upsetters, non-NC	153	13525	7	1494	-	-	-	-
3598	Forging Machines, non-NC, N.E.C.	35	1732	3	297	-	-	-	-
3599	Metal Forming Machine Tools, non-NC, N.E.C.	853	30336	100	3822	-	-	13	461
	TOTAL FORMING			2778	14897	-	-	16	526
	TOTAL FORMING YTD	22003	174696			3	101	125	7286
	TOTAL ALL TYPES			110322	134408	-	-	48	1758
	TOTAL ALL TYPES YTD	887577	1374053			1565	1772	617	17597

Source: U.S. Department of Commerce, Census Report No. IM146; National Machine Tool Builders' Association.

NOTES: 1) a/Dollar amount less than $500; 2) N.E.C. - Not Elsewhere Classified; 3) Individual items may not add to totals due to rounding.
4) Machine tool imports, as reflected in the government statistics, are actually undervalued since they reflect values in the country of origin and do not include ocean freight, insurance, dealer's commission or import duties.
5) Beginning in January 1980, foreign trade data for die casting machines are included in the metal forming total. U.S. die casting imports are not available for previous years.

*Code 6744000 shown above represents combined data from codes 674:3015,3215,3226,3261,3272,3502,3524 & 3573.
Code 6745000 shown above represents combined data from codes 674:3227,3262,3273,3503,3526 & 3574.

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U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
NOVEMBER 1981

	CZECHO.		DENMARK		E. GERMANY		FRANCE		ITALY		NETHERLANDS		NORWAY	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3035	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3212	-	-	-	-	-	-	-	-	1	200	-	-	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3222	-	-	-	-	2	108	-	-	-	-	-	-	-	-
3223	1	7	-	-	-	-	-	-	1	33	-	-	-	-
3228	-	-	-	-	-	-	2	664	-	-	-	-	-	-
3229	-	-	-	-	-	-	-	-	1	31	-	-	-	-
3234	-	-	-	-	-	-	-	-	12	112	-	-	-	-
3236	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3242	-	-	-	-	-	-	-	-	1	1	-	-	-	-
3264	-	-	-	-	-	-	6	64	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	2	58	-	-	4	282	-	-	-	-
3268	-	-	-	-	-	-	3	268	-	-	-	-	-	-
3269	-	-	-	-	1	20	8	118	8	248	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	3	44	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	2	510	-	-	-	-	-	-
3507	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3509	-	-	-	-	-	-	12	458	-	-	-	-	-	-
3511	-	-	-	-	-	-	1	162	-	-	-	-	-	-
3512	12	71	-	-	-	-	4	47	7	184	-	-	-	-
3513	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3514	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	1	52	-	-	-	-
3521	-	-	-	-	-	-	-	-	3	171	-	-	-	-
3522	-	-	-	-	-	-	-	-	1	27	-	-	-	-
3527	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3528	-	-	1	6	-	-	-	-	-	-	-	-	-	-
3529	-	-	3	17	-	-	6	102	2	43	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3539	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3543	-	-	-	-	-	-	-	-	9	244	-	-	-	-
3546	-	-	-	-	-	-	-	-	-	-	3	54	-	-
3554	-	-	-	-	-	-	-	-	8	128	6	261	-	-
3556	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3558	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	11	121	3	47	-	-
3562	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3564	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3576	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3577	-	-	-	-	-	-	1	4	4	98	-	-	-	-
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3579	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4000	-	-	2	19	-	-	3	34	2	86	7	32	-	-
5000	-	-	194	25	-	-	35	21	475	146	61	19	-	-
CUT MO.	13	78	200	66	5	186	83	2452	554	2252	80	413	-	-
CUT YTD	403	4148	791	1254	130	2748	2941	18493	5293	30113	755	4048	19	63
1010	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3582	-	-	1	1	-	-	2	4	-	-	-	-	-	-
3583	-	-	2	1	-	-	262	6	49	14	-	-	3	4
3584	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3586	-	-	1	31	-	-	2	8	3	106	-	-	-	-
3587	-	-	-	-	-	-	-	-	1	19	-	-	-	-
3588	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3589	-	-	4	54	-	-	1	29	1	3	-	-	-	-
3591	-	-	1	4	-	-	-	-	1	30	-	-	-	-
3592	-	-	-	-	-	-	-	-	20	172	-	-	-	-
3593	-	-	-	-	-	-	-	-	2	13	-	-	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	4	22	-	-	-	-
3596	-	-	-	-	-	-	-	-	2	10	-	-	-	-
3597	-	-	-	-	-	-	-	-	3	198	-	-	-	-
3598	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3599	-	-	-	-	-	-	6	1241	1	3	5	80	2	110
FRM MO.	-	-	9	90	-	-	273	1288	87	589	5	80	5	113
FRM YTD	2	1	101	1513	3	22	707	4202	1111	10405	35	633	18	526
TOT MO.	13	78	209	156	5	186	356	3740	641	2841	85	492	5	113
TOT YTD	405	4149	892	2767	133	2771	3648	22695	6404	40519	790	4680	37	588

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
NOVEMBER 1981

674	POLAND UNITS	POLAND $000	PORTUGAL UNITS	PORTUGAL $000	SPAIN UNITS	SPAIN $000	SWEDEN UNITS	SWEDEN $000	SWITZERLAND UNITS	SWITZERLAND $000	U. KINGDOM UNITS	U. KINGDOM $000	W. GERMANY UNITS	W. GERMANY $000
3025	-	-	-	-	-	-	-	-	1	32	1	4	10	1191
3035	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	1	33	1	247	1	412
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	2	212	-	-
3212	-	-	-	-	-	-	-	-	3	767	-	-	1	169
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	2	239	-	-	-	-	2	682	1	226
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	-	-	-	-	-	-	-	-	1	19
3222	-	-	-	-	2	103	1	30	1	14	3	1020	-	-
3223	-	-	-	-	2	11	-	-	8	703	3	158	5	79
3228	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3229	-	-	-	-	-	-	-	-	-	-	-	-	2	47
3234	-	-	16	93	-	-	-	-	-	-	-	-	-	-
3236	-	-	-	-	-	-	-	-	-	-	4	34	2	8
3242	-	-	-	-	-	-	-	-	2	107	7	98	1	62
3264	-	-	-	-	-	-	2	229	2	233	-	-	1	122
3266	-	-	-	-	-	-	2	118	1	74	-	-	6	104
3267	-	-	-	-	47	259	9	186	-	-	3	151	-	-
3268	-	-	-	-	2	11	1	33	-	-	1	33	-	-
3269	-	-	-	-	1	22	5	247	6	62	25	262	1	15
3276	-	-	-	-	-	-	-	-	-	-	-	-	1	450
3277	2	136	-	-	12	52	-	-	-	-	2	509	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	3	288	1	12
3507	-	-	-	-	-	-	-	-	-	-	-	-	13	1103
3509	-	-	-	-	-	-	1	92	3	379	-	-	5	394
3511	-	-	-	-	-	-	1	158	-	-	1	113	-	-
3512	71	778	-	-	11	285	-	-	-	-	102	836	2	14
3513	-	-	-	-	-	-	-	-	-	-	2	3	5	125
3514	-	-	-	-	-	-	-	-	-	-	52	302	1	141
3515	-	-	-	-	-	-	-	-	3	110	9	64	5	117
3516	-	-	-	-	-	-	-	-	-	-	5	632	-	-
3518	-	-	-	-	-	-	-	-	15	894	5	245	2	294
3521	-	-	-	-	-	-	6	744	-	-	1	127	1	117
3522	2	53	-	-	6	33	-	-	1	6	20	349	7	403
3527	-	-	-	-	-	-	-	-	3	622	-	-	2	83
3528	-	-	-	-	-	-	-	-	-	-	-	-	8	456
3529	-	-	-	-	-	-	-	-	7	81	20	280	19	291
3533	-	-	-	-	-	-	-	-	-	-	17	211	1	3
3539	-	-	-	-	-	-	-	-	-	-	-	-	3	257
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3543	-	-	-	-	8	32	-	-	2	178	9	72	54	1073
3546	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3554	-	-	-	-	-	-	1	134	8	456	2	198	3	392
3556	-	-	-	-	-	-	-	-	-	-	1	425	1	52
3558	-	-	-	-	-	-	-	-	7	500	1	9	5	172
3559	-	-	-	-	-	-	1	2	5	196	24	246	26	393
3562	-	-	-	-	-	-	-	-	17	952	-	-	-	-
3564	-	-	-	-	-	-	-	-	6	141	1	44	-	-
3567	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3571	-	-	-	-	-	-	2	34	-	-	5	13	3	113
3576	-	-	-	-	-	-	-	-	-	-	1	118	-	-
3577	-	-	-	-	-	-	-	-	1	12	4	48	34	306
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3579	-	-	-	-	1	9	1	15	-	-	10	228	4	59
4000	-	-	-	-	2	11	13	65	16	100	308	1028	44	717
5000	-	-	14	28	25	41	97	79	37	26	186	66	653	382
CUT MO.	75	967	30	122	121	1109	143	2165	156	6697	843	9354	935	10371
CUT YTD	935	13925	245	727	3008	20310	1576	18312	2700	59207	9271	112334	14594	136491
1010	-	-	-	-	-	-	-	-	-	-	-	-	2	52
3582	-	-	-	-	-	-	-	-	2	21	80	240	2	12
3583	-	-	-	-	31	1	-	-	32	5	158	68	510	69
3584	-	-	-	-	-	-	-	-	1	535	-	-	1	443
3586	-	-	-	-	-	-	2	41	1	26	5	65	1	3
3587	-	-	-	-	-	-	1	6	-	-	-	-	46	375
3588	-	-	-	-	-	-	-	-	-	-	2	11	8	126
3589	-	-	-	-	-	-	2	128	-	-	-	-	2	56
3591	-	-	-	-	1	21	5	71	-	-	5	49	1	25
3592	-	-	10	70	-	-	1	36	-	-	1	21	8	308
3593	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3594	-	-	-	-	-	-	-	-	2	23	8	144	2	702
3595	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3596	-	-	-	-	-	-	1	90	1	186	2	38	3	37
3597	-	-	-	-	-	-	-	-	-	-	-	-	1	1055
3598	-	-	-	-	-	-	-	-	-	-	1	140	2	157
3599	-	-	-	-	4	98	1	5	23	189	11	286	25	1116
FRM MO.	-	-	10	70	36	121	13	377	62	985	273	1061	614	4535
FRM YTD	2	9	10	70	221	2278	423	7902	853	12379	1749	14929	3428	40530
TOT MO.	75	967	40	192	157	1230	156	2542	218	7682	1116	10415	1549	14906
TOT YTD	937	13934	255	797	3229	22587	1999	26214	3553	71587	11020	127263	18022	177020

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
NOVEMBER 1981

674	YUGOSLAVIA UNITS	YUGOSLAVIA $000	CANADA UNITS	CANADA $000	INDIA UNITS	INDIA $000	JAPAN UNITS	JAPAN $000	TAIWAN UNITS	TAIWAN $000	AUSTRALIA UNITS	AUSTRALIA $000	ALL OTHERS UNITS	ALL OTHERS $000
3025	-	-	-	-	-	-	1	137	-	-	-	-	-	-
3035	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	101	8948	-	-	-	-	-	-
3206	-	-	-	-	-	-	12	1762	-	-	-	-	-	-
3209	3	900	-	-	-	-	35	4931	-	-	-	-	2	314
3211	-	-	-	-	-	-	47	4630	-	-	-	-	-	-
3212	-	-	-	-	-	-	-	-	-	-	-	-	1	39
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	-	-	1	224	-	-	-	-	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3222	1	135	-	-	-	-	3	317	-	-	-	-	1	55
3223	-	-	-	-	-	-	6	613	119	60	-	-	1	80
3228	-	-	-	-	-	-	1	25	-	-	-	-	-	-
3229	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3234	-	-	-	-	-	-	49	587	81	414	-	-	1	4
3236	-	-	-	-	-	-	4	28	1	3	-	-	-	-
3242	-	-	-	-	-	-	3	399	6	19	-	-	1	24
3264	-	-	-	-	-	-	31	4653	5	56	-	-	-	-
3266	-	-	-	-	-	-	-	-	27	96	-	-	2	10
3267	-	-	34	361	-	-	39	724	24	78	-	-	18	157
3268	-	-	-	-	-	-	5	195	103	449	-	-	-	-
3269	-	-	3	93	-	-	18	444	382	1290	-	-	19	141
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	1	135	-	-	-	-	6	204	23	74	-	-	6	652
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	1	70	-	-	6	393	6	17	-	-	-	-
3507	-	-	-	-	-	-	140	8733	3	43	-	-	6	279
3509	-	-	-	-	-	-	117	10494	-	-	-	-	2	92
3511	-	-	-	-	-	-	22	3513	-	-	-	-	-	-
3512	-	-	15	207	8	106	11	463	268	2003	-	-	211	2107
3513	-	-	-	-	-	-	5	217	8	47	-	-	-	-
3514	-	-	-	-	-	-	-	-	12	87	-	-	-	-
3515	-	-	-	-	-	-	19	399	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	41	118	15	1887	68	367	-	-	18	113
3521	-	-	-	-	-	-	17	1763	-	-	-	-	-	-
3522	-	-	7	114	9	40	8	504	40	195	-	-	28	412
3527	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3528	-	-	1	50	-	-	7	458	-	-	-	-	-	-
3529	-	-	-	-	-	-	16	98	21	75	-	-	3	19
3533	-	-	-	-	-	-	-	-	-	-	-	-	2	7
3539	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	48	620	-	-	-	-	19	289
3543	-	-	-	-	-	-	12	849	28	111	-	-	2	35
3546	-	-	-	-	-	-	1	164	-	-	-	-	-	-
3554	-	-	-	-	-	-	8	406	10	56	-	-	-	-
3556	-	-	-	-	-	-	4	196	1	5	-	-	-	-
3558	-	-	-	-	-	-	4	118	1	9	-	-	-	-
3559	-	-	13	92	-	-	9	296	14	77	-	-	4	11
3562	-	-	-	-	-	-	16	789	-	-	-	-	-	-
3564	-	-	-	-	-	-	1	116	2	18	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3571	-	-	1	39	-	-	-	-	-	-	-	-	1	44
3576	-	-	-	-	-	-	1	90	-	-	-	-	-	-
3577	-	-	-	-	-	-	24	347	29	119	-	-	-	-
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3579	-	-	9	372	-	-	28	943	2	7	-	-	-	-
4000	-	-	1	8	-	-	55	133	5	9	-	-	4	8
5000	-	-	304	110	27	20	19533	1783	73250	4072	-	-	12421	180
CUT MO.	5	770	389	1477	85	283	16483	64578	74539	9855	-	-	12773	5071
CUT YTD	314	4785	3267	25995	250	1317	82886	588877	715798	92856	4	72	18340	51170
1010	-	-	5	118	-	-	1	116	-	-	-	-	-	-
3582	-	-	8	11	-	-	-	-	-	-	-	-	-	-
3583	-	-	372	82	15	7	684	233	20	38	-	-	112	28
3584	-	-	-	-	-	-	11	884	-	-	-	-	-	-
3586	-	-	2	55	-	-	15	227	-	-	-	-	3	78
3587	-	-	2	46	-	-	42	485	-	-	-	-	-	-
3588	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3589	-	-	4	132	-	-	11	123	-	-	-	-	1	56
3591	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3592	-	-	27	155	1	3	4	502	-	-	-	-	-	-
3593	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3594	-	-	1	91	2	9	6	405	-	-	-	-	-	-
3595	-	-	-	-	-	-	1	44	-	-	-	-	-	-
3596	-	-	2	41	-	-	11	539	-	-	-	-	-	-
3597	-	-	-	-	-	-	3	292	-	-	-	-	-	-
3598	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3599	-	-	4	70	-	-	5	164	-	-	-	-	-	-
FRM MO.	-	-	427	800	18	18	794	4043	20	38	-	-	116	161
FRM YTD	-	-	3591	14321	117	139	5655	53854	3328	801	12	13	509	2745
TOT MO.	5	770	816	2276	103	302	17277	68621	74559	9893	-	-	12889	5232
TOT YTD	314	4785	6858	40316	367	1457	88541	642731	719126	93656	16	85	18849	53915

NOVEMBER 1981 - U.S. IMPORTS OF MACHINE TOOLS
Total and Countries of Origin
The following is a breakdown of the activity by country which is included in the ALL OTHER column on page 4.

	METAL CUTTING UNITS	METAL CUTTING $000	METAL FORMING UNITS	METAL FORMING $000	TOTAL UNITS	TOTAL $000
EUROPE						
AZORES	-	-	-	-	-	-
BULGARIA	10	62	-	-	10	62
CYPRUS	-	-	-	-	-	-
FINLAND	12	6	-	-	12	6
GREECE	-	-	-	-	-	-
HUNGARY	12353	154	-	-	12353	154
ICELAND	-	-	-	-	-	-
IRELAND	-	-	-	-	-	-
ROMANIA	22	605	-	-	22	605
USSR	-	-	-	-	-	-
GIBRALTAR	-	-	-	-	-	-
MALTA	-	-	-	-	-	-
TOTAL	12397	827	-	-	12397	827
OTHER N.AC.AM						
BAHAMAS	-	-	-	-	-	-
BARBADOS	-	-	-	-	-	-
BELIZE	-	-	-	-	-	-
BERMUDA	-	-	-	-	-	-
CAYMAN	-	-	-	-	-	-
COSTA RICA	-	-	-	-	-	-
DOMINICAN REP.	-	-	-	-	-	-
FR. W. INDIES	-	-	-	-	-	-
GUATEMALA	-	-	-	-	-	-
HAITI	-	-	-	-	-	-
HONDURAS	-	-	-	-	-	-
JAMAICA	-	-	-	-	-	-
LW & WW IS.	-	-	-	-	-	-
MEXICO	2	1	-	-	2	1
NICARAGUA	-	-	-	-	-	-
N. ANTILLES	-	-	-	-	-	-
PANAMA	-	-	-	-	-	-
SALVADOR	-	-	-	-	-	-
TRINIDAD	-	-	-	-	-	-
TOTAL	2	1	-	-	2	1
OTHER S. AMER						
ARGENTINA	8	155	-	-	8	155
BOLIVIA	-	-	-	-	-	-
BRAZIL	38	1008	13	18	51	1026
CHILE	-	-	-	-	-	-
COLOMBIA	-	-	-	-	-	-
ECUADOR	-	-	-	-	-	-
FRENCH GUIANA	-	-	-	-	-	-
GUYANA	-	-	-	-	-	-
PARAGUAY	-	-	-	-	-	-
PERU	-	-	-	-	-	-
SURINAM	-	-	-	-	-	-
URUGUAY	-	-	-	-	-	-
VENEZUELA	-	-	-	-	-	-
TOTAL	46	1163	13	18	59	1181
OTHER ASIA						
AFGHANISTAN	-	-	-	-	-	-
ADEN	-	-	-	-	-	-
ARAB EMIRATES	-	-	-	-	-	-
BAHRAIN	-	-	-	-	-	-
BANGLADASH	-	-	-	-	-	-
BRUNEI	-	-	-	-	-	-
BURMA	-	-	-	-	-	-
CHINA	67	170	-	-	67	170
GAZA STRIP	-	-	-	-	-	-
HONG KONG	1	1	-	-	1	1
INDONESIA	-	-	-	-	-	-
IRAN	-	-	-	-	-	-
IRAQ	-	-	-	-	-	-
ISRAEL	16	60	3	129	19	188
JORDAN	-	-	-	-	-	-
KOREAN REP.	114	1436	100	15	214	1451
KUWAIT	-	-	-	-	-	-
LEBANON	-	-	-	-	-	-
MALAYSIA	-	-	-	-	-	-
NEPAL	-	-	-	-	-	-
OMAN	-	-	-	-	-	-
PAKISTAN	-	-	-	-	-	-
PHILLIPINES	-	-	-	-	-	-
QATAR	-	-	-	-	-	-
SAUDI ARABIA	-	-	-	-	-	-
SINGAPORE	130	1412	-	-	130	1412
SRI LANKA	-	-	-	-	-	-
SYRIA	-	-	-	-	-	-
THAILAND	-	-	-	-	-	-
TURKEY	-	-	-	-	-	-
YEMEN	-	-	-	-	-	-
TOTAL	328	3080	103	144	431	3223
OTHER OCEANIA						
FR. PAC. IS.	-	-	-	-	-	-
NEW GUINEA	-	-	-	-	-	-
NEW ZEALAND	-	-	-	-	-	-
TERR. PAC. IS.	-	-	-	-	-	-
OTH. PAC. IS.	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-
OTHER AFRICA						
BOTSWANA	-	-	-	-	-	-
ALGERIA	-	-	-	-	-	-
ANGOLA	-	-	-	-	-	-
BENIN	-	-	-	-	-	-
CAMEROON	-	-	-	-	-	-
CANARY ISLANDS	-	-	-	-	-	-
DAHOMEY	-	-	-	-	-	-
EGYPT	-	-	-	-	-	-
ETHIOPIA	-	-	-	-	-	-
GABON	-	-	-	-	-	-
GHANA	-	-	-	-	-	-
GUINEA	-	-	-	-	-	-
KENYA	-	-	-	-	-	-
LIBERIA	-	-	-	-	-	-
LIBYA	-	-	-	-	-	-
MALAWI	-	-	-	-	-	-
MAURITANIA	-	-	-	-	-	-
MOROCCO	-	-	-	-	-	-
MOZAMBIQUE	-	-	-	-	-	-
NIGER	-	-	-	-	-	-
NIGERIA	-	-	-	-	-	-
REP. S. AFRICA	-	-	-	-	-	-
RWANDA	-	-	-	-	-	-
SENEGAL	-	-	-	-	-	-
SIERRA LEONE	-	-	-	-	-	-
SOMALIA	-	-	-	-	-	-
S. W. AFRICA	-	-	-	-	-	-
SUDAN	-	-	-	-	-	-
SWAZILAND	-	-	-	-	-	-
TANZANIA	-	-	-	-	-	-
TUNISIA	-	-	-	-	-	-
ZIMBABWE	-	-	-	-	-	-
WEST AFRICA	-	-	-	-	-	-
ZAIRE	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-

A8050-3 No2

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statistical

REPORT
March 12, 1982

U.S. FOREIGN TRADE IN MACHINE TOOLS
DECEMBER 1981

U.S. foreign trade in machine tools during the fourth quarter of 1981 produced a trade deficit of $169.8 million, bringing the total 1981 deficit to $455.3 million. Compared to 1980, U.S. exports increased 31% to an annual 1981 total of $1,027.6 million while U.S. imports of machine tools rose 14% over the same period, exceeding $1.4 billion for the year.

U.S. Machine Tool Trade
($Millions)

4th Qtr. 1981	Exports	Imports	Surplus (Deficit)
Metal Cutting	$135.7	$328.4	($192.8)
Metal Forming	$ 73.1	$ 50.1	$ 23.0
Total	$208.8	$378.6	($169.8)
Annual 1981			
Metal Cutting	$ 724.0	$1,291.5	($567.5)
Metal Forming	$ 303.6	$ 191.4	$112.1
Total	$1,027.6	$1,482.9	($455.3)

During 1981, the U.S. exported an estimated 18% of domestic machine tool production, up from 17% exported during 1980. Machine tool imports represented approximately 25% of the 1981 U.S. machine tool consumption, increasing a percentage point from the 1980 level of 24%.

EXPORTS

U.S. exports of metal cutting and metal forming machine tools totaled $724,005,000 and $303,568,000, respectively. Compared to 1980, exports of metal cutting machines increased 46%, while metal forming exports rose 5%. Particularly large increases occurred in exports of gear hobbers and shapers, grinding machines, and vertical boring-drilling-milling machines. The only major product type showing an export decline was machining centers. In the metal forming sector, export categories of hydraulic and pneumatic presses, and shearing machines increased significantly.

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Based on dollar values, U.S. exports to all regions except South America increased during 1981. The largest percentage changes occurred in Oceania and North and Central America which experienced significant gains in export share as well as dollar value. Regional comparisons are shown below for 1980 and 1981.

	U.S. Exports-1981		U.S. Exports-1980		%Change 81:80
	$ Mil.	% of Total	$ Mil.	% of Total	Dollar Value
N & C America	$520.5	50.7%	$304.4	38.8%	+71.0
Europe	231.8	22.6	228.0	29.0	+ 1.7
Asia	163.6	15.9	158.8	20.2	+ 3.0
South America	62.0	6.0	64.5	8.2	- 3.9
Africa	26.8	2.6	17.3	2.2	+54.9
Oceania	22.6	2.2	12.2	1.6	+85.2
	$1,027.6	100.0%	$785.3	100.0%	+30.9

Exports to seven countries represented 70% of total U.S. machine tool exports. Ranked by dollar value, the leading markets were:

	U.S. Exports-1981		U.S. Exports-1980		%Change 81:80
	$ Mil.	% of Total	$ Mil.	% of Total	Dollar Value
Mexico	$258.9	25.2%	$135.7	17.3%	+ 90.8
Canada	256.1	24.9	$162.4	20.7%	+ 57.7
United Kingdom	64.1	6.2	62.9	8.0	+ 1.9
Japan	54.2	5.3	59.1	7.5	- 8.3
West Germany	35.2	3.4	33.7	4.3	+ 4.5
France	29.2	2.8	21.3	2.7	+ 37.1
Brazil	24.2	2.4	19.2	2.4	+ 26.0
	$721.9	70.2%	$494.3	62.9%	+ 46.0

Mexico became the leading market for U.S. machine tools in 1981, accounting for 25% of total U.S. exports. Exports to Mexico represented the largest dollar increase in 1981. Compared to 1980, metal cutting exports more than doubled, reaching a total of $190.8 million for the year. Metal forming type exports increased 38% for a 1981 total of $68.1 million.

Metal cutting exports to Canada during 1981 were $208.0 million, 79% above the 1980 total. Exports of metal forming machines also increased, by 4%, to $48.2 million in 1981. Canada's 1981 total export share rose 4 percentage points to 25%.

U.S. exports to the United Kingdom increased 2% in 1981 to $64.1 million. Metal cutting exports reached $46.7 million, up 9% from 1980, while metal forming exports fell 14% to a yearly total of $17.3 million.

Japan was the only country of the top seven which showed a decline in total dollar value of machine tools purchased from the U.S. in 1981. Although metal cutting exports increased 6% to $40.8 million, metal forming exports fell 35% to $13.4 million.

Machine tool exports to West Germany rose to $35.2 million in 1981, a 5% increase over the previous year. Exports of metal cutting machinery increased 20% during 1981, to $27.3 million. However, metal forming exports of $7.9 million were down 28% from 1980. The overall annual market share of 3% was down slightly.

Purchases of U.S. machine tools by France totaled $29.2 million in 1981. While the French total share remained virtually unchanged from the previous year, there was a 37% increase in dollar value over 1980. Metal cutting exports rose 80% to $19.1 million in 1981 and metal forming exports fell slightly to $10.0 million.

Compared to 1980, U.S. exports to Brazil increased 26% to a total of $24.2 million. This increase was largely attributable to metal forming equipment exports, which more than doubled from 1980, to $9.5 million. Exports of metal cutting machines also rose slightly, to $14.7 million in 1981. Brazil's overall market share of 2% remained unchanged from 1980.

IMPORTS

The reported value of U.S. machine tool imports exceeded $1.4 billion during 1981. Metal cutting imports of $1,291.5 billion were 21% above the 1980 level, while metal forming imports fell 18% to $191.4 million in 1981. It should be noted that machine tool imports, as reflected in the government statistics, are actually undervalued. They reflect values in the country of origin and do not include ocean freight, insurance, dealer's commissions, or import duties. The purchaser in this country is paying significantly more for imported machine tools than is reported in the government import statistics.

In 1981, the most notable U.S. import increases occurred in the categories of machining centers, which more than doubled the 1980 total, and lathes where 1981 imports were up 22% over 1980. Four countries supplied 76% of 1981 U.S. machine tool imports. The dollar value of imports from each of these countries, with the exception of West Germany, rose substantially while their combined share of total U.S. imports increased slightly. Individual country shares declined for West Germany and Taiwan. Japan's share increased sharply.

	U.S. Imports-1981		U.S. Imports-1980		%Change 81:80
	$ Mil.	% of Total	$ Mil.	% of Total	Dollar Value
Japan	$687.5	46.4%	$492.0	37.9%	+39.7%
West Germany	192.3	13.0	235.9	18.2	-18.5
United Kingdom	136.1	9.2	117.3	9.0	+16.0
Taiwan	102.4	6.9	93.6	7.2	+ 9.4
	$1,118.3	75.5%	$938.8	72.3%	+19.1%

Japan supplied 46% of total U.S. machine tool imports during 1981, a significant gain from 38% in 1980 and 34% in 1979. Metal cutting imports during 1981 increased 45% to $627.4 million. Imports of metal forming machines from Japan rose 3% above the previous year to $60.1 million.

U.S. imports of metal cutting and metal forming machine tools from West Germany declined in 1981. Metal cutting imports of $148.4 million dropped only 1%, however, metal forming imports were only a little over half of the 1980 total at $44.0 million. These losses combined to represent only 13% of total U.S. imports during 1981, 5 percentage points below Germany's 1980 share.

The United Kingdom's share of total U.S. imports remained consistent with the previous year's level, at 9%, although the dollar value of imports rose 16% to $136.1 million in 1981. Metal cutting and metal forming imports both increased, by 16% and 15%, respectively. Metal cutting imports totaled $120.5 million, as metal forming purchases reached $15.6 million.

Taiwan represented the fourth largest source of U.S. imports in 1981. Of the $102.4 million import total, $101.6 million was comprised of metal cutting machine tools. This metal cutting total was 9% above the 1980 level and accounted for 8% of total U.S. metal cutting imports in 1981.

* * *

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
DECEMBER 1981

RELEASED: March 12, 1982

674:		TOTAL YTD UNITS	TOTAL YTD $000	TOTAL NO. UNITS	TOTAL NO. $000	AUSTRIA UNITS	AUSTRIA $000	BELGIUM UNITS	BELGIUM $000
	METAL CUTTING								
3020	Gear Hobbers & Shapers	233	22728	17	394	-	-	-	-
3045	Gear Cutting Machines, N.E.C.	357	39308	53	5354	-	-	-	-
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26'' or Less	54	5506	2	260	-	-	-	-
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26''	24	5888	-	-	-	-	-	-
3209	Horizontal Machining Centers, ATC, NC	109	27029	3	606	-	-	-	-
3211	Machining Centers, NC, N.E.C.	129	14998	5	1037	-	-	-	-
3216	Single Station and Multi-Station Transfer Machines	220	94197	4	3290	-	-	-	-
3225	Way Type Machines (Unit Heads)	19	3049	-	-	-	-	-	-
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	18	9504	2	1045	-	-	-	-
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	2	631	-	-	-	-	-	-
3247	Vertical Boring-Drilling-Milling Machines, NC	48	4908	3	174	-	-	-	-
3248	Horiz. Boring-Drilling-Milling Machines, non-NC	21	2755	1	286	-	-	-	-
3249	Vertical Boring-Drilling-Milling Machines, non-NC	481	37197	4	34	-	-	-	-
3254	Drilling Machines, NC	27	4246	-	-	-	-	-	-
3255	Drilling Machines, Multi-Spindle, non-NC	94	7751	5	403	-	-	-	-
3256	Drilling Machines, Radial, non-NC	63	1973	10	195	-	-	-	-
3257	Drilling Machines, Upright, Single Spindle, non-NC	95	2932	2	69	-	-	-	-
3258	Drilling Machines, non-NC, N.E.C.	287	7481	12	359	-	-	-	-
3264	Milling Machines, NC	45	22540	1	1491	-	-	-	-
3266	Milling Machines, Profiling, Dupl. & Die Sinking, non-NC	65	5532	-	-	-	-	-	-
3267	Milling Machines, Knee Type, non-NC	11	512	1	25	-	-	-	-
3268	Milling Machines, Bed Type, non-NC	18	1950	-	-	-	-	-	-
3269	Milling Machines, non-NC, N.E.C.	153	7262	14	997	-	-	-	-
3276	Vertical Boring Machines, incl. VTL's, NC	23	5319	1	476	-	-	-	-
3277	Vertical Boring Machines, incl. VTL's, non-NC	118	13396	8	882	-	-	-	-
3281	Boring Machines, NC, N.E.C.	7	1027	-	-	-	-	-	-
3283	Boring Machines, non-NC, N.E.C.	79	4700	11	335	-	-	-	-
3504	Horizontal Lathes, NC, Less Than 25 HP	101	6973	3	145	-	-	-	-
3506	Horizontal Lathes, NC, 25-50 HP	53	9508	4	618	-	-	-	-
3508	Horizontal Lathes, NC, Over 50 HP	11	3871	-	-	-	-	-	-
3510	Horizontal Engine & Toolroom Lathes, non-NC	308	5571	13	119	-	-	-	-
3511	Automatic Chucking Lathes, Single Spindle, non-NC	47	7453	3	482	-	-	-	-
3512	Automatic Chucking Lathes, Multi-Spindle, non-NC	35	4316	1	36	-	-	-	-
3515	Automatic Bar Machines, Single Spindle, non-NC	72	3208	6	480	-	-	-	-
3516	Automatic Bar Machines, Multi-Spindle, non-NC	84	7729	2	291	-	-	-	-
3518	Horizontal Lathes, non-NC, N.E.C.	522	18478	30	681	-	-	1	63
3519	Vertical Lathes, excl. VTL's, NC	25	3771	-	-	-	-	-	-
3525	Vertical Lathes, excl. VTL's, non-NC	210	19152	14	827	-	-	-	-
3528	Grinding, Polishing, Honing & Lapping Machines, NC	115	19466	7	1163	-	-	-	-
3529	Gear Tooth Grinding & Finishing Machines, non-NC	108	18097	4	751	-	-	-	-
3531	Tool & Cutter Grinding Machines, non-NC	406	9548	23	1007	-	-	-	-
3532	Honing & Lapping Machines, non-NC	449	9526	21	615	-	-	-	-
3533	Grinding Machines, Flat Surface Reciprocating Table, non-NC	205	3544	4	36	-	-	-	-
3538	Grinding Machines, Flat Surface, non-NC, N.E.C.	338	22672	21	1939	-	-	-	-
3541	External Grinding Machines, non-NC	110	15894	9	435	-	-	-	-
3542	Internal Grinding Machines, non-NC	36	5093	1	228	-	-	-	-
3544	Grinding, Polishing & Buffing Machines, non-NC, N.E.C.	269	11240	13	556	-	-	-	-
3546	Grinding Machines, non-NC, N.E.C.	766	29564	38	1447	-	-	-	-
3547	Traveling Wire Electrical Discharge Machines	50	1533	2	19	-	-	-	-
3549	All Other Electrical Discharge Machines	275	3627	18	177	-	-	-	-
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	5	494	-	-	-	-	-	-
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, non-NC	63	1430	7	284	-	-	-	-
3559	Metal Cutting Machine Tools, NC, N.E.C.	101	3488	-	-	-	-	-	-
3565	Sawing & Cut-off Machines, non-NC	755	12608	56	1059	-	-	1	109
3566	Broaching Machines, non-NC	228	15540	1	13	-	-	-	-
3567	Metal Cutting Machine Tools, non-NC, N.E.C.	685	21672	32	1649	-	-	-	-
4000	Metal Cutting Machine Tools, Used or Rebuilt*	4595	55424	217	7331	-	-	-	-
5000	Metal Cutting Machine Tools, Less Than $2500*	63195	19049	1672	867	-	-	-	-
	TOTAL CUTTING			2381	40976	-	-	2	172
	TOTAL CUTTING YTD	77022	724005			23	1190	3234	1645
	METAL FORMING								
1011	Die Casting Machines & Parts	-	15204	-	774	-	2	-	-
3568	Metal Forming Machine Tools, Used or Rebuilt	1620	22596	63	1363	-	-	-	-
3569	Metal Forming Machine Tools, Less Than $2500	9717	6140	554	331	-	-	12	5
3571	Punching & Shearing Machines, incl. Combination, NC	118	13756	12	1672	-	-	-	-
3573	Shearing Machines, non-NC	156	9174	19	1819	-	-	-	-
3575	Punching & Combination Punching & Shearing Machines, non-NC	921	22004	40	1073	-	-	-	-
3578	Bending, Folding, Straightening & Flattening Machines, NC	232	14524	39	1928	-	-	-	-
3582	Press Brakes, non-NC	130	5695	5	280	-	-	-	-
3583	Bending Rolls, Ram & Press Bending Machines, non-NC	57	2955	3	151	-	-	-	-
3584	Bending,Folding,Str. & Flattening Machines, non-NC, N.E.C.	769	22820	52	1084	-	-	-	-
3588	Mechanical Presses, non-NC	424	22922	29	1948	-	-	2	415
3589	Hydraulic Presses, Vertical, Single Action, non-NC	116	15008	5	432	-	-	-	-
3590	Hydraulic & Pneumatic Presses, non-NC, N.E.C.	623	41436	49	4785	-	-	-	-
3594	Headers & Upsetters, non-NC	79	7686	14	902	-	-	-	-
3595	Forging Machines, non-NC, N.E.C.	177	13636	8	809	-	-	-	-
3598	Metal Forming Machine Tools, non-NC, N.E.C.	1328	67941	105	3754	-	-	-	-
	TOTAL FORMING			997	23108	-	-	14	421
	TOTAL FORMING YTD	16467	303568			3	109	127	3223
	TOTAL ALL TYPES			3378	64084	-	-	16	593
	TOTAL ALL TYPES YTD	93489	1027573			26	1300	3361	4868

Source: U.S. Department of Commerce, Census Report No. EM522; National Machine Tool Builders' Association.

NOTES: 1) a/Dollar amount less than $500; 2) N.E.C. - Not Elsewhere Classified; 3) Individual items may not add to totals due to rounding.
4) Beginning in January 1980, foreign trade data for die casting machines are included in the metal forming total.

*Code 6744000 shown above represents combined data from codes 674:3015,3241,3252,3261,3272,3501,3526 & 3554.
Code 6745000 shown above represents combined data from codes 674:3243,3253,3262,3273,3502,3527 & 3557.

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
DECEMBER 1981

674:	DENMARK UNITS	DENMARK $000	FINLAND UNITS	FINLAND $000	FRANCE UNITS	FRANCE $000	GREECE UNITS	GREECE $000	IRELAND UNITS	IRELAND $000	ITALY UNITS	ITALY $000	NETHERLANDS UNITS	NETHERLANDS $000
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	1	6	-	-	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	-	-	-	-	1	137	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	-	-	-	-	1	181	-	-
3528	-	-	-	-	-	-	-	-	-	-	1	227	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	-	-	-	-	2	691	-	-	-	-	-	-	-	-
3532	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3538	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3546	-	-	-	-	2	95	-	-	-	-	1	500	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	2	30	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	-	-	-	-	-	-	-	-	-	-	-	-	3	63
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	-	-	-	-	-	-	4	221	-	-
5000	-	-	-	-	-	-	-	-	-	-	459	24	28	17
CUT MO.	-	-	-	-	8	959	-	-	-	-	466	1153	31	80
CUT YTD	19	513	54	1263	439	19117	34	287	610	2959	1233	10059	3060	1530
1011	-	-	-	-	-	-	-	1	-	-	-	-	-	4
3568	-	-	-	-	-	-	-	-	-	-	4	91	-	-
3569	-	-	6	2	17	6	-	-	10	6	-	-	-	-
3571	-	-	-	-	-	-	-	-	-	-	2	182	-	-
3573	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3575	-	-	-	-	7	87	-	-	1	95	-	-	-	-
3578	-	-	-	-	2	115	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	-	-	1	14	-	-	-	-	-	-	1	25
3588	-	-	-	-	1	153	-	-	-	-	-	-	-	-
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3590	-	-	-	-	1	1597	-	-	-	-	-	-	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	1	14	-	-	-	-	-	-	-	-
3598	-	-	-	-	-	-	1	10	-	-	1	13	3	142
FRM MO.	-	-	6	2	30	1985	1	11	11	101	7	286	4	171
FRM YTD	42	772	24	543	460	10043	9	1127	83	8467	145	6618	392	5877
TOT MO.	-	-	6	2	38	2944	1	11	11	101	473	1439	35	251
TOT YTD	61	1286	78	1806	899	29160	43	1414	693	11426	1378	16678	3452	7407

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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	NORWAY		POLAND		ROMANIA		SPAIN		SWEDEN		SWITZERLAND		U. KINGDOM	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	1	65	1	449	-	-	2	60
3204	-	-	-	-	-	-	-	-	-	-	1	95	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	2	214
3211	-	-	-	-	-	-	-	-	-	-	-	-	1	33
3216	-	-	-	-	-	-	-	-	-	-	-	-	1	1369
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	-	-	-	-	4	18
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	1	24	-	-	-	-	-	-	-	-	-	-
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	2	648	-	-	-	-
3531	-	-	-	-	-	-	-	-	-	-	1	17	-	-
3532	-	-	-	-	-	-	2	309	-	-	12	110	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	1	11
3538	-	-	-	-	-	-	-	-	-	-	-	-	1	12
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3546	-	-	-	-	-	-	-	-	-	-	1	80	5	268
3547	-	-	-	-	-	-	-	-	-	-	1	6	-	-
3549	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	-	-	-	-	-	-	-	-	-	-	1	17	-	-
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	2	45	-	-
4000	-	-	-	-	-	-	17	4575	-	-	2	4	5	217
5000	1	1	-	-	-	-	1	1	-	-	-	-	6	9
CUT MO.	1	1	1	24	-	-	21	4950	3	1097	21	374	28	2210
CUT YTD	478	701	1	24	8	1377	152	8228	232	3469	1036	7843	2097	46724
1011	-	4	-	-	-	-	-	-	-	1	-	-	-	32
3568	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3569	-	-	-	-	-	-	-	-	-	-	-	-	15	8
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3575	-	-	-	-	-	-	-	-	-	-	-	-	3	139
3578	-	-	-	-	-	-	-	-	-	-	-	-	1	48
3582	-	-	-	-	-	-	-	-	-	-	-	-	1	45
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	-	-	-	-	3	275	-	-	-	-	-	-
3588	-	-	-	-	-	-	-	-	1	101	-	-	-	-
3589	-	-	-	-	-	-	-	-	1	87	-	-	-	-
3590	-	-	-	-	-	-	-	-	-	-	3	59	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	2	404
3598	-	-	-	-	-	-	-	-	-	-	1	16	4	288
FRM MO.	-	-	-	-	-	-	3	275	2	109	4	75	26	964
FRM YTD	19	260	-	-	1	109	40	6003	71	1982	139	1376	677	17341
TOT MO.	1	5	1	24	-	-	24	5226	5	1286	25	449	54	3174
TOT YTD	497	962	1	24	9	1486	192	14230	303	5451	1175	9219	2774	64065

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
DECEMBER 1981

	USSR		W. GERMANY		YUGOSLAVIA		CANADA		MEXICO		OTH. NAC AM		ARGENTINA	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	-	-	1	142	-	-	-	-	-	-
3045	-	-	21	751	-	-	7	57	2	40	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	1	393	-	-	-	-	-	-
3211	-	-	-	-	-	-	2	803	2	201	-	-	-	-
3216	-	-	-	-	-	-	-	-	2	1341	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	2	1045	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	1	35	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	1	286	-	-	-	-
3249	-	-	-	-	-	-	2	14	2	20	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	2	190	-	-	-	-
3256	-	-	-	-	-	-	-	-	10	195	-	-	-	-
3257	-	-	-	-	-	-	1	64	-	-	-	-	-	-
3258	-	-	-	-	-	-	1	28	1	179	3	83	-	-
3264	-	-	-	-	-	-	1	1491	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	1	663	4	104	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	1	476
3277	-	-	-	-	-	-	1	521	1	11	-	-	1	99
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	8	139	-	-	1	17	-	-	-	-	-	-
3504	-	-	-	-	-	-	1	66	-	-	1	42	-	-
3506	-	-	-	-	-	-	2	414	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	3	30	3	23	1	7	-	-
3511	-	-	-	-	-	-	3	482	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	3	274	-	-	3	207	-	-	-	-	-	-
3516	-	-	-	-	-	-	2	291	-	-	-	-	-	-
3518	-	-	-	-	-	-	4	39	14	178	-	-	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	2	389	3	58	-	-	-	-
3528	-	-	1	228	-	-	1	164	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	-	-	-	-	-	-	9	66	2	16	1	34	-	-
3532	-	-	-	-	-	-	2	11	4	35	-	-	-	-
3533	-	-	-	-	-	-	3	24	-	-	-	-	-	-
3538	-	-	-	-	-	-	-	-	13	1631	-	-	1	13
3541	-	-	-	-	-	-	1	49	-	-	1	51	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	2	85	-	-	2	52	1	80	1	7	-	-
3546	-	-	8	54	-	-	8	192	3	143	-	-	-	-
3547	-	-	-	-	-	-	-	-	-	-	1	13	-	-
3549	-	-	-	-	-	-	-	-	-	-	1	56	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	2	109	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	-	-	-	-	-	-	32	385	8	317	-	-	1	16
3566	-	-	-	-	-	-	-	-	1	13	-	-	-	-
3567	-	-	4	340	-	-	4	625	10	196	1	48	-	-
4000	-	-	5	1	-	-	71	332	83	1563	-	-	-	-
5000	-	-	5	9	-	-	425	255	194	126	22	8	1	2
CUT NO.	-	-	57	1881	-	-	600	9342	368	7054	33	350	5	606
CUT YTD	33	15125	1627	27313	26	1768	24585	207959	10100	190777	3910	3020	162	4303
1011	-	-	-	7	-	-	-	297	-	217	-	-	-	-
3568	-	-	-	-	-	-	17	264	33	809	-	-	1	30
3569	-	-	9	7	-	-	177	117	38	33	1	1	-	-
3571	-	-	-	-	-	-	5	1034	-	-	-	-	-	-
3573	-	-	-	-	-	-	1	21	15	574	-	-	-	-
3575	-	-	-	-	-	-	7	87	7	60	1	15	-	-
3578	-	-	2	177	1	19	21	757	6	563	-	-	-	-
3582	-	-	-	-	-	-	-	-	3	154	-	-	-	-
3583	-	-	-	-	-	-	-	-	2	140	-	-	-	-
3584	-	-	1	25	-	-	22	245	8	90	1	22	-	-
3588	-	-	4	92	-	-	2	274	-	-	-	-	-	-
3589	-	-	-	-	-	-	1	139	-	-	-	-	-	-
3590	-	-	1	26	1	41	7	629	14	1858	-	-	-	-
3594	-	-	-	-	-	-	7	643	4	218	-	-	1	25
3595	-	-	-	-	-	-	3	240	1	138	1	13	-	-
3598	-	-	7	232	-	-	9	262	29	1506	-	-	1	48
FRM NO.	-	-	24	566	2	60	279	5008	160	6359	4	50	3	103
FRM YTD	53	1359	535	7888	9	3052	4608	48175	3130	68119	295	2493	109	3352
TOT NO.	-	-	81	2447	2	60	879	14351	528	13413	37	400	8	709
TOT YTD	86	16484	2162	35200	35	4820	29193	256134	13230	258896	4205	5513	271	7655

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
DECEMBER 1981

	BRAZIL		CHILE		COLOMBIA		PERU		VENEZUELA		OTH. S. AM.		INDIA	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	1	92	-	-	1	506
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	1	36	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	2	11	-	-	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	1	24	-	-	-	-	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	4	229
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	1	67	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	-	-	-	-	4	26
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	4	31	-	-	-	-	-	-	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	2	82	-	-	-	-	-	-	-	-	-	-
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	1	4	-	-	-	-	-	-	-	-	-	-	-	-
3532	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3538	-	-	-	-	1	7	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	1	228
3544	-	-	-	-	-	-	-	-	-	-	1	106	-	-
3546	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	1	12	-	-	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	-	-	-	-	1	4	-	-	-	-	-	-	1	17
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	2	199	-	-	-	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	-	-	2	28	9	149	-	-	-	-
5000	4	4	4	4	-	-	-	-	9	10	9	6	-	-
CUT MO.	8	243	7	111	9	65	3	95	19	251	10	112	11	1006
CUT YTD	509	14706	2620	1280	428	2066	108	614	1785	7928	480	2310	254	10422
1011	-	-	-	-	-	-	-	-	-	12	-	70	-	-
3568	-	-	-	-	1	6	-	-	1	27	-	-	-	-
3569	5	4	9	3	1	1	-	-	34	21	-	-	-	-
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3575	-	-	-	-	-	-	-	-	-	-	2	28	-	-
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	-	-	-	-	-	-	2	8	2	81	-	-
3588	-	-	-	-	-	-	-	-	-	-	-	-	1	34
3589	-	-	-	-	-	-	1	38	-	-	-	-	-	-
3590	-	-	1	191	-	-	-	-	12	123	-	-	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3598	1	428	4	50	-	-	24	150	2	25	-	-	-	-
FRM MO.	6	432	14	243	2	7	25	188	51	216	4	179	1	34
FRM YTD	144	9484	87	926	181	2503	233	2866	796	7153	344	2512	87	4776
TOT MO.	14	674	21	354	11	72	28	283	70	467	14	291	12	1040
TOT YTD	653	24190	2707	2206	609	4569	341	3480	2581	15081	824	4821	341	15199

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
DECEMBER 1981

	IRAN UNITS	IRAN $000	ISRAEL UNITS	ISRAEL $000	JAPAN UNITS	JAPAN $000	KOREAN REP. UNITS	KOREAN REP. $000	PHILLIPINES UNITS	PHILLIPINES $000	SINGAPORE UNITS	SINGAPORE $000	TAIWAN UNITS	TAIWAN $000
674:														
3020	-	-	1	44	15	208	-	-	-	-	-	-	-	-
3045	-	-	1	34	11	2996	-	-	-	-	2	252	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	1	581	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	1	103	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	1	62	-	-	-	-	-	-	2	151
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	1	5	-	-
3258	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	1	42	-	-	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	1	16	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3528	-	-	-	-	1	295	-	-	-	-	-	-	-	-
3529	-	-	-	-	1	90	-	-	-	-	-	-	-	-
3531	-	-	-	-	1	69	-	-	-	-	1	5	1	7
3532	-	-	-	-	1	152	-	-	-	-	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3538	-	-	-	-	2	104	-	-	-	-	-	-	3	172
3541	-	-	5	131	-	-	-	-	-	-	2	203	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	1	24	1	91	1	4	-	-	-	-	-	-
3546	-	-	-	-	1	9	-	-	-	-	-	-	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	1	31	-	-	1	5	-	-	2	6	2	34
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	-	-	-	-	1	2	-	-	-	-	-	-	1	3
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	-	-	1	13
4000	-	-	3	12	1	7	-	-	-	-	2	141	-	-
5000	-	-	8	11	26	13	34	47	-	-	21	8	-	-
CUT NO.	-	-	20	287	66	4821	37	72	-	-	31	620	10	361
CUT YTD	1	21	352	5256	2268	40803	624	12695	346	1940	1382	10395	294	6491
1011	-	-	-	-	-	104	-	-	-	2	-	-	-	-
3558	-	-	-	-	2	45	-	-	-	-	-	-	-	-
3569	-	-	36	26	9	4	-	-	84	29	2	1	-	-
3571	-	-	1	140	1	88	-	-	-	-	1	34	-	-
3573	-	-	2	78	-	-	-	-	-	-	-	-	1	1146
3575	-	-	-	-	2	17	-	-	-	-	1	10	-	-
3578	-	-	-	-	1	159	1	16	-	-	4	75	-	-
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	-	-	-	-	-	-	-	-	-	-	1	70
3588	-	-	-	-	15	538	-	-	-	-	-	-	-	-
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3590	-	-	-	-	2	181	-	-	-	-	-	-	-	-
3594	-	-	1	8	1	8	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3598	-	-	2	44	1	19	-	-	2	12	-	-	-	-
FRM NO.	-	-	42	296	34	1162	1	16	86	42	8	119	2	1217
FRM YTD	1	5	249	2412	355	13411	79	2329	193	1305	656	3335	139	9697
TOT NO.	-	-	62	582	100	5983	38	88	86	42	39	739	12	1598
TOT YTD	2	26	601	7668	2623	54214	703	15024	539	3246	2038	13730	433	16189

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
DECEMBER 1981

	TURKEY		OTHER ASIA		AUSTRALIA		N. ZEALAND		REP./S.AFR.		OTH. AFRICA		ALL OT CTRY	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	1	15	1	9	-	-	1	28
3204	-	-	-	-	-	-	-	-	1	165	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	-	-	-	-	-	-	4	52	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	1	25	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	1	5	2	140	-	-	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	1	22	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	1	164	-	-	-	-	-	-	-	-
3504	-	-	1	38	-	-	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	1	29	1	5	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	1	36	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	2	8	-	-	-	-	3	351	2	12	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	2	35	-	-	1	32	-	-	1	9	-	-	1	18
3528	-	-	-	-	1	193	-	-	2	56	-	-	-	-
3529	-	-	-	-	1	12	-	-	-	-	-	-	-	-
3531	-	-	3	89	-	-	1	9	-	-	-	-	-	-
3532	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3538	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	-	-	-	-	-	-	3	107	-	-	-	-
3546	-	-	7	93	-	-	-	-	2	14	-	-	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	9	33	-	-	1	1	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	1	11	2	133	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	1	10	4	37	-	-	-	-	1	72	-	-	-	-
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	4	48	1	19	2	64	-	-	1	53	-	-
4000	2	29	10	48	1	4	-	-	-	-	-	-	-	-
5000	-	-	301	213	2	3	1	1	75	82	36	14	-	-
CUT NO.	6	111	386	687	13	722	6	89	89	865	43	130	2	47
CUT YTD	72	934	4560	16962	2665	15329	43	320	2518	8518	960	4933	1600	2735
1011	-	-	-	2	-	16	-	-	-	5	-	-	-	-
3568	1	16	1	3	2	73	-	-	-	-	-	-	-	-
3569	-	-	65	51	22	6	-	-	-	-	1	1	1	1
3571	-	-	-	-	-	-	-	-	2	195	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3575	-	-	3	63	-	-	-	-	3	102	3	371	-	-
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	1	81	-	-	-	-
3583	-	-	1	11	-	-	-	-	-	-	-	-	-	-
3584	1	9	3	77	3	110	-	-	2	28	1	6	-	-
3588	-	-	3	340	-	-	-	-	-	-	-	-	-	-
3589	-	-	-	-	1	82	-	-	1	86	-	-	-	-
3590	-	-	3	49	2	12	-	-	-	-	-	-	2	20
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3598	-	-	10	400	1	4	-	-	2	106	-	-	-	-
FRM NO.	2	24	89	995	31	303	-	-	11	602	5	378	3	21
FRM YTD	31	511	992	19891	354	6246	122	421	[illegible]	8346	89	5047	106	2034
TOT NO.	8	135	435	1682	44	1024	6	89	[illegible]	1467	48	508	5	68
TOT YTD	103	1445	5552	36853	3019	21575	165	781	[illegible]	[illegible]	1049	9980	1706	4769

DECEMBER 1981 - U.S EXPORTS OF MACHINE TOOLS
Total and Countries of Destination

The following is a breakdown of the activity by country which is included in the ALL OTHER columns.

	METAL CUTTING UNITS	METAL CUTTING $000	METAL FORMING UNITS	METAL FORMING $000	TOTAL UNITS	TOTAL $000
EUROPE						
AZORES	-	-	-	-	-	-
BULGARIA	1	28	-	-	1	28
CYPRUS	-	-	-	-	-	-
CZECHOSLOVAKIA	-	-	-	-	-	-
E GERMANY	-	-	-	-	-	-
HUNGARY	-	-	-	-	-	-
ICELAND	-	-	-	-	-	-
PORTUGAL	1	18	2	20	3	38
GIBRALTAR	-	-	-	-	-	-
MALTA	-	-	-	-	-	-
TOTAL	2	47	2	20	4	67
OTHER N.&C.AM						
BAHAMAS	6	1	-	-	6	1
BARBADOS	1	7	-	-	1	7
BELIZE	-	-	-	-	-	-
BERMUDA	-	-	-	-	-	-
CAYMAN	-	-	-	-	-	-
COSTA RICA	3	83	-	-	3	83
DOMINICAN REP.	2	14	1	13	3	27
FR. W. INDIES	-	-	-	-	-	-
GUATEMALA	11	9	-	-	11	9
HAITI	1	56	1	1	2	57
HONDURAS	2	43	-	-	2	43
JAMAICA	2	49	-	-	2	49
LW & WW IS.	1	1	1	15	2	16
NICARAGUA	-	-	-	-	-	-
N. ANTILLES	-	-	-	-	-	-
PANAMA	1	1	1	22	2	22
SALVADOR	1	1	-	-	1	1
TRINIDAD	2	86	-	-	2	86
TOTAL	33	350	4	50	37	400
OTHER S. AMER						
BOLIVIA	-	-	-	-	-	-
ECUADOR	1	106	2	92	3	198
FRENCH GUIANA	-	-	-	-	-	-
GUYANA	-	-	-	-	-	-
PARAGUAY	7	3	-	-	7	3
SURINAM	-	-	2	81	2	81
URUGUAY	2	4	-	-	2	4
TOTAL	10	112	4	179	14	291
OTHER ASIA						
AFGHANISTAN	-	-	-	-	-	-
ADEN	-	-	-	-	-	-
ARAB EMIRATES	10	14	-	-	10	14
BAHRAIN	1	46	-	-	1	46
BANGLADASH	-	-	-	-	-	-
BRUNEI	-	-	-	-	-	-
BURMA	-	-	-	-	-	-
CHINA	4	50	-	-	4	50
GAZA STRIP	-	-	-	-	-	-
HONG KONG	4	3	1	10	5	12
INDONESIA	2	5	41	763	43	768
IRAQ	6	26	-	-	6	26
JORDAN	-	-	-	-	-	-
KUWAIT	49	55	-	-	49	55
LEBANON	-	-	-	-	-	-
MALAYSIA	1	11	9	91	10	101
NEPAL	-	-	-	-	-	-
OMAN	-	-	-	-	-	-
PAKISTAN	1	33	-	-	1	33
QATAR	1	6	-	-	1	6
SAUDI ARABIA	236	399	36	126	272	525
SRI LANKA	-	-	-	-	-	-
SYRIA	-	-	-	-	-	-
THAILAND	31	41	2	5	33	46
YEMEN	-	-	-	-	-	-
TOTAL	346	687	89	995	435	1682

	METAL CUTTING UNITS	METAL CUTTING $000	METAL FORMING UNITS	METAL FORMING $000	TOTAL UNITS	TOTAL $000
OTHER OCEANIA						
FR. PAC. IS.	-	-	-	-	-	-
NEW GUINEA	-	-	-	-	-	-
TERR. PAC. IS.	-	-	1	1	1	1
OTH. PAC. IS.	-	-	-	-	-	-
TOTAL	-	-	1	1	1	1
OTHER AFRICA						
BOTSWANA	-	-	-	-	-	-
ALGERIA	-	-	-	-	-	-
ANGOLA	16	12	-	-	16	12
BENIN	-	-	-	-	-	-
CAMEROON	-	-	-	-	-	-
CANARY ISLANDS	-	-	-	-	-	-
DAHOMEY	-	-	-	-	-	-
EGYPT	-	-	5	378	5	378
ETHIOPIA	-	-	-	-	-	-
GABON	-	-	-	-	-	-
GHANA	20	2	-	-	20	2
GUINEA	-	-	-	-	-	-
KENYA	-	-	-	-	-	-
LIBERIA	-	-	-	-	-	-
LIBYA	2	12	-	-	2	12
MALAWI	-	-	-	-	-	-
MAURITANIA	-	-	-	-	-	-
MOROCCO	1	53	-	-	1	53
MOZAMBIQUE	-	-	-	-	-	-
NIGER	-	-	-	-	-	-
NIGERIA	-	-	-	-	-	-
RWANDA	-	-	-	-	-	-
SENEGAL	-	-	-	-	-	-
SIERRA LEONE	-	-	-	-	-	-
SOMALIA	-	-	-	-	-	-
S. W. AFRICA	-	-	-	-	-	-
SUDAN	-	-	-	-	-	-
SWAZILAND	-	-	-	-	-	-
TANZANIA	-	-	-	-	-	-
TUNISIA	-	-	-	-	-	-
ZIMBABWE	-	-	-	-	-	-
WEST AFRICA	-	-	-	-	-	-
ZAIRE	-	-	-	-	-	-
ZAMBIA	-	-	-	-	-	-
OTH WEST AFR.	-	-	-	-	-	-
IVORY COAST	-	-	-	-	-	-
MAURITIUS	-	-	-	-	-	-
TOGO	4	52	-	-	4	52
TOTAL	43	130	5	378	48	508

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
DECEMBER 1981

RELEASED: March 12, 1982

674:		TOTAL YTD		TOTAL MO.		AUSTRIA		BELGIUM	
		UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
	METAL CUTTING								
3025	Gear Hobbers	213	19366	35	3032	-	-	-	-
3035	Gear Shapers	12	1846	-	-	-	-	-	-
3045	Gear Cutting Machines, N.E.C.	19	3942	1	432	-	-	-	-
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26'' or Less	1127	90723	86	5901	-	-	-	-
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26''	121	16825	7	736	-	-	-	-
3209	Horizontal Machining Centers, ATC, NC	381	52634	19	3234	-	-	-	-
3211	Machining Centers, NC, N.E.C.	378	35533	28	2739	-	-	-	-
3212	Single Station and Multi-Station Transfer Machines	35	8259	1	1248	-	-	-	-
3213	Way Type Machines (Unit Heads)	2	219	-	-	-	-	-	-
3217	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	20	5199	2	375	-	-	-	-
3218	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	-	-	-	-	-	-	-	-
3219	Vertical Boring-Drilling-Milling Machines,NC	23	3987	1	252	-	-	-	-
3222	Horiz. Boring-Drilling-Milling Machines,non-NC	211	22017	14	1857	-	-	-	-
3223	Vertical Boring-Drilling-Milling Machines,non-NC	2224	18676	213	2118	-	-	-	-
3228	Drilling Machines,NC	29	2016	2	53	-	-	-	-
3229	Drilling Machines, Multi-Spindle, non-NC	80	3923	8	173	-	-	-	-
3234	Drilling Machines, Radial, non-NC	1485	12095	88	825	-	-	-	-
3236	Drilling Machines, Upright, Single Spindle, non-NC	234	1439	18	98	-	-	-	-
3242	Drilling Machines, non-NC, N.E.C.	410	6967	15	225	-	-	-	-
3264	Milling Machines, NC	379	27406	53	639	-	-	-	-
3266	Milling Machines, Profiling, Dupl. & Die Sinking, non-NC	338	6181	32	460	-	-	-	-
3267	Milling Machines, Knee Type, non-NC	4041	30975	308	2642	-	-	-	-
3268	Milling Machines, Bed Type, non-NC	626	16841	36	895	-	-	-	-
3269	Milling Machines, non-NC, N.E.C.	5050	43323	394	3573	-	-	-	-
3276	Vertical Boring Machines, incl. VTL's, NC	33	5370	1	36	-	-	-	-
3277	Vertical Boring Machines, incl. VTL's, non-NC	322	10947	20	1542	-	-	-	-
3281	Boring Machines, NC, N.E.C.	16	4414	-	-	-	-	-	-
3283	Boring Machines, non-NC, N.E.C.	309	16080	7	896	-	-	-	-
3507	Horizontal Lathes, NC, Less Than 25 HP	1934	122101	187	9448	-	-	-	-
3509	Horizontal Lathes, NC, 25-50 HP	1307	120302	65	6156	-	-	-	-
3511	Horizontal Lathes, NC, Over 50 HP	267	35554	20	3064	-	-	[illegible]	163
3512	Horizontal Engine & Toolroom Lathes, non-NC	7786	74248	574	5559	-	-	-	-
3513	Automatic Chucking Lathes, Single Spindle, non-NC	166	5773	3	49	-	-	-	-
3514	Automatic Chucking Lathes, Multi-Spindle, non-NC	129	7791	9	335	-	-	-	-
3515	Automatic Bar Machines, Single Spindle, non-NC	325	8290	16	574	-	-	-	-
3516	Automatic Bar Machines, Multi-Spindle, non-NC	120	11141	8	958	-	-	-	-
3518	Horizontal Lathes, non-NC, N.E.C.	1026	27637	79	2837	-	-	1	130
3521	Vertical Lathes, excl. VTL's, NC	270	26398	9	1592	-	-	-	-
3522	Vertical Lathes, excl. VTL's, non-NC	2115	40523	91	2774	9	44	-	-
3527	Gear Tooth Grinding & Finishing Machines	123	11822	8	1123	-	-	-	-
3528	Tool & Cutter Grinding Machines, NC	134	9029	8	348	-	-	-	-
3529	Tool & Cutter Grinding Machines, non-NC	1236	18167	122	1404	-	-	-	-
3533	Honing & Lapping Machines	180	9476	7	909	-	-	-	-
3539	Grinding Machines, Flat Surface, NC	42	4272	3	174	-	-	-	-
3541	Grinding Machines, Flat Surface Reciprocating Table,non-NC	598	11596	24	666	-	-	-	-
3543	Grinding Machines, Flat Surface, non-NC, N.E.C.	1289	25570	101	1776	-	-	-	-
3546	Grinding & Polishing Machines, NC, N.E.C.	33	3324	4	445	-	-	-	-
3554	External Grinding Machines, non-NC	619	25882	28	1023	-	-	3	153
3556	Internal Grinding Machines, non-NC	114	4877	12	300	-	-	-	-
3558	Grinding, Polishing & Buffing Machines, non-NC, N.E.C.	201	7109	17	792	-	-	-	-
3559	Grinding Machines, non-NC, N.E.C.	888	17853	96	1732	-	-	-	-
3562	Traveling Wire Electrical Discharge Machines	418	18104	21	650	-	-	-	-
3564	All Other Electrical Discharge Machines	147	7567	6	207	-	-	-	-
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	130	5116	7	747	-	-	-	-
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, non-NC	104	5313	6	309	-	-	-	-
3576	Metal Cutting Machine Tools, NC, N.E.C.	30	2437	2	152	1	100	-	-
3577	Sawing & Cut-off Machines, non-NC	1232	13235	61	751	-	-	-	-
3578	Broaching Machines, non-NC	54	4437	1	5	-	-	-	-
3579	Metal Cutting Machine Tools, non-NC, N.E.C.	749	22379	47	1748	3	8	-	-
4000	Metal Cutting Machine Tools, Used or Rebuilt*	5007	45922	382	3763	1	2	2	14
5000	Metal Cutting Machine Tools, Less Than $2500*	893490	70886	71394	5755	325	175	-	-
	TOTAL CUTTING			74807	92120	339	329	8	459
	TOTAL CUTTING YTD	940381	1291478			1901	1999	500	10770
674:	**METAL FORMING**								
1010	Die Casting Machines	150	4179	18	496	-	-	-	-
3582	Metal Forming Machine Tools, Used or Rebuilt	784	5524	64	365	-	-	-	-
3583	Metal Forming Machine Tools, Less Than $2500	18279	4514	1774	339	1	2	7	13
3584	Punching & Shearing Machines, incl. Combination, NC	254	29835	23	3288	-	-	-	-
3586	Shearing Machines, non-NC	720	11513	57	1072	-	-	15	296
3587	Punching & Combination Punching & Shearing Machines, non-NC	669	9646	12	246	-	-	-	-
3588	Bending, Folding, Straightening & Flattening Machines, NC	40	2648	2	322	-	-	-	-
3589	Press Brakes, non-NC	432	7066	35	664	-	-	8	129
3591	Bending Rolls, Ram & Press Bending Machines, non-NC	213	5085	19	204	-	-	-	-
3592	Bending,Folding,Str. & Flattening Machines, non-NC, N.E.C.	912	15282	67	1203	-	-	-	-
3593	Metal Forming Machine Tools, NC, N.E.C.	17	1930	1	22	-	-	-	-
3594	Mechanical Presses, non-NC	168	16164	22	3446	-	-	-	-
3595	Hydraulic Presses, Vertical, Single Action, non-NC	79	4027	7	83	-	-	-	-
3596	Hydraulic & Pneumatic Presses, non-NC, N.E.C.	362	24140	16	741	-	-	-	-
3597	Headers & Upsetters, non-NC	159	13941	6	416	-	-	-	-
3598	Forging Machines, non-NC, N.E.C.	37	1812	2	80	-	-	-	-
3599	Metal Forming Machine Tools, non-NC, N.E.C.	938	34077	85	3742	-	-	-	-
	TOTAL FORMING			2210	16729	1	2	30	437
	TOTAL FORMING YTD	24213	191425			4	103	155	7724
	TOTAL ALL TYPES			77017	108849	340	330	38	897
	TOTAL ALL TYPES YTD	964594	1482903			1905	2102	655	18493

Source: U.S. Department of Commerce, Census Report No. IM146; National Machine Tool Builders' Association.

NOTES: 1) a/Dollar amount less than $500; 2) N.E.C. - Not Elsewhere Classified; 3) Individual items may not add to totals due to rounding.
4) Machine tool imports, as reflected in the government statistics, are actually undervalued since they reflect values in the country of origin and do not include ocean freight, insurance, dealer's commission or import duties.
5) Beginning in January 1980, foreign trade data for die casting machines are included in the metal forming total. U.S. die casting imports are not available for previous years.
*Code 6744000 shown above represents combined data from codes 674:3015,3215,3226,3261,3272,3502,3524 & 3573.
Code 6745000 shown above represents combined data from codes 674:3227,3262,3273,3503,3526 & 3574.

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U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
DECEMBER 1981

	CZECHO.		DENMARK		E. GERMANY		FRANCE		ITALY		NETHERLANDS		NORWAY	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	-	-	-	-	1	38	-	-	-	-	-	-	-	-
3035	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3212	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	1	37	-	-	-	-	-	-	-	-	-	-	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3222	-	-	-	-	1	50	-	-	-	-	-	-	-	-
3223	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3228	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3229	-	-	-	-	-	-	-	-	3	59	-	-	-	-
3234	1	18	-	-	-	-	-	-	10	115	-	-	-	-
3236	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3242	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	1	16	-	-	-	-
3268	-	-	-	-	-	-	2	83	-	-	-	-	-	-
3269	1	9	-	-	2	31	1	7	2	17	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	1	133	-	-	-	-	-	-	2	37	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	1	94	-	-	-	-	-	-	-	-	-	-	-	-
3507	-	-	-	-	-	-	5	245	2	52	-	-	-	-
3509	-	-	-	-	-	-	2	225	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	4	27	-	-	-	-	-	-	12	201	-	-	-	-
3513	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3514	-	-	-	-	-	-	2	30	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3521	-	-	-	-	-	-	2	1116	-	-	-	-	-	-
3522	3	23	-	-	-	-	1	73	-	-	-	-	-	-
3527	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3528	-	-	1	6	-	-	-	-	-	-	-	-	-	-
3529	1	3	5	28	-	-	-	-	1	3	4	67	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3539	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3543	-	-	-	-	-	-	-	-	15	153	-	-	-	-
3546	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3554	2	15	-	-	-	-	-	-	1	29	2	94	-	-
3556	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3558	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	2	6	2	66	2	38	-	-
3562	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3564	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3576	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3577	-	-	-	-	-	-	1	62	4	76	-	-	-	-
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3579	-	-	-	-	-	-	2	9	13	103	-	-	-	-
4000	6	106	-	-	3	18	10	171	9	119	6	15	-	-
5000	8	12	35	25	-	-	44	47	1638	250	4	2	-	-
CUT MO.	29	477	41	58	7	132	74	2100	1715	1437	18	216	-	-
CUT YTD	432	4625	832	1312	137	2881	3015	20583	7008	31990	773	4264	19	63
1010	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3582	3	40	-	-	-	-	3	7	1	5	-	-	1	8
3583	-	-	3	4	-	-	18	5	275	35	1	a/	4	2
3584	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3586	-	-	6	36	-	-	-	-	-	-	-	-	-	-
3587	-	-	-	-	-	-	-	-	1	16	-	-	-	-
3588	-	-	-	-	-	-	2	322	-	-	-	-	-	-
3589	-	-	1	15	-	-	-	-	-	-	-	-	-	-
3591	-	-	-	-	-	-	-	-	6	21	-	-	-	-
3592	-	-	-	-	-	-	4	394	25	424	-	-	-	-
3593	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3594	-	-	-	-	-	-	-	-	1	4	-	-	-	-
3595	-	-	-	-	-	-	-	-	6	58	-	-	-	-
3596	-	-	-	-	-	-	1	23	-	-	-	-	-	-
3597	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3598	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3599	-	-	-	-	-	-	3	955	4	393	-	-	4	105
FRM MO.	3	40	10	56	-	-	25	1687	319	935	1	a/	9	193
FRM YTD	5	41	111	1569	3	22	732	9870	1430	11240	36	633	27	721
TOT MO.	32	517	51	114	7	132	99	3787	2034	2372	19	216	9	195
TOT YTD	437	4667	943	2880	140	2903	3747	30462	8438	42890	809	4897	46	784

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
DECEMBER 1981

	POLAND		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND		U. KINGDOM		W. GERMANY	
GTN	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	-	-	-	-	-	-	-	-	3	136	-	-	27	2458
3035	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	1	432
3204	-	-	-	-	-	-	-	-	-	-	-	-	9	373
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3212	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	-	-	-	-	-	-	-	-	1	338
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3222	-	-	-	-	1	153	-	-	-	-	2	116	-	-
3223	-	-	-	-	-	-	-	-	3	797	3	65	25	759
3228	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3229	-	-	-	-	2	38	-	-	1	31	-	-	-	-
3234	5	102	-	-	7	77	-	-	-	-	-	-	-	-
3236	-	-	-	-	2	7	11	74	-	-	-	-	3	12
3262	-	-	-	-	7	30	-	-	2	87	-	-	2	81
3264	-	-	-	-	-	-	1	52	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	1	204	-	-	4	58
3267	32	440	-	-	197	659	8	136	-	-	10	608	8	42
3268	-	-	-	-	-	-	-	-	-	-	2	85	2	146
3269	-	-	-	-	6	64	-	-	6	132	8	983	2	702
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	6	383	-	-	-	-	-	-	1	18	2	315	2	384
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	4	674	1	30
3507	-	-	-	-	-	-	-	-	-	-	2	178	1	60
3509	-	-	-	-	-	-	1	137	-	-	-	-	8	665
3511	-	-	-	-	-	-	6	985	-	-	1	111	4	701
3512	74	759	-	-	11	242	1	8	-	-	73	645	-	-
3513	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3514	-	-	-	-	-	-	-	-	4	72	2	161	-	-
3515	-	-	-	-	-	-	-	-	3	68	-	-	7	331
3516	-	-	-	-	-	-	-	-	3	280	5	679	-	-
3518	-	-	-	-	-	-	-	-	1	177	2	241	2	7
3521	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3522	3	77	-	-	2	38	-	-	2	917	1	6	13	636
3527	-	-	-	-	-	-	-	-	5	785	1	5	2	354
3528	-	-	-	-	-	-	-	-	4	87	-	-	-	-
3529	-	-	-	-	3	11	-	-	15	502	32	449	9	126
3533	-	-	-	-	-	-	-	-	7	909	-	-	-	-
3539	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	5	402
3543	-	-	-	-	5	16	-	-	2	135	9	234	4	300
3546	-	-	-	-	-	-	-	-	-	-	-	-	1	299
3554	1	81	-	-	1	69	-	-	3	151	4	69	1	174
3556	-	-	-	-	-	-	-	-	-	-	-	-	1	70
3558	-	-	-	-	1	37	-	-	4	500	-	-	6	55
3559	7	58	-	-	-	-	2	11	5	253	6	60	6	269
3562	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3564	-	-	-	-	3	60	-	-	1	28	1	47	-	-
3567	-	-	-	-	-	-	-	-	-	-	7	787	-	-
3571	-	-	-	-	-	-	-	-	-	-	-	-	3	46
3576	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3577	-	-	-	-	10	67	-	-	1	14	-	-	17	176
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3579	-	-	-	-	-	-	2	14	2	277	12	284	3	834
4000	3	14	-	-	1	16	17	119	5	28	282	1311	33	446
9000	1	1	-	-	11	21	60	91	389	41	220	140	303	117
CUT MO.	132	1868	-	-	230	1580	118	1626	433	6199	670	8171	516	11880
CUT YTD	1067	19793	245	727	3238	21890	1694	19938	3133	65406	9941	120506	15110	148371
1010	-	-	-	-	-	-	-	-	-	-	6	52	1	49
3581	-	-	-	-	-	-	6	31	-	-	28	83	18	188
3583	-	-	-	-	-	-	1	1	17	4	269	48	296	34
3584	-	-	-	-	-	-	-	-	1	256	-	-	5	1474
3586	-	-	-	-	-	-	3	58	-	-	8	107	2	12
3587	-	-	-	-	-	-	2	98	-	-	-	-	9	134
3588	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3589	-	-	-	-	-	-	4	110	-	-	-	-	-	-
3591	-	-	-	-	-	-	11	121	-	-	-	-	1	3
3592	-	-	-	-	-	-	-	-	1	14	3	15	14	260
3593	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3594	-	-	-	-	1	15	-	-	-	-	3	66	2	319
3595	-	-	-	-	-	-	-	-	-	-	-	-	1	95
3596	-	-	-	-	1	35	-	-	-	-	3	75	1	77
3597	-	-	-	-	-	-	-	-	-	-	-	-	2	213
3598	-	-	-	-	-	-	-	-	-	-	-	-	1	65
3599	-	-	-	-	3	51	2	18	6	363	16	291	25	366
FGN MO.	-	-	-	-	5	100	29	438	25	617	336	677	378	3439
FGN YTD	2	9	10	70	226	2378	452	8339	878	13016	2085	15606	3806	43968
TOT MO.	132	1868	-	-	235	1680	147	2063	458	6835	1006	8848	894	15319
TOT YTD	1069	19802	255	797	3464	24268	2146	28277	4011	78422	12026	136111	18916	192339

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
DECEMBER 1981

	YUGOSLAVIA		CANADA		INDIA		JAPAN		TAIWAN		AUSTRALIA		ALL OTHERS	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	-	-	-	-	-	-	1	146	-	-	-	-	3	252
3035	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	77	5528	-	-	-	-	-	-
3206	-	-	-	-	-	-	7	736	-	-	-	-	-	-
3209	2	460	-	-	-	-	17	2774	-	-	-	-	-	-
3211	-	-	-	-	-	-	27	2674	-	-	-	-	1	64
3212	-	-	1	1248	-	-	-	-	-	-	-	-	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	-	-	1	252	-	-	-	-	-	-
3222	1	230	-	-	-	-	7	1191	-	-	-	-	2	116
3223	-	-	1	8	-	-	-	-	177	77	-	-	4	463
3228	-	-	-	-	-	-	2	53	-	-	-	-	-	-
3229	-	-	-	-	-	-	2	46	-	-	-	-	-	-
3234	-	-	-	-	-	-	23	295	37	236	-	-	5	33
3236	-	-	-	-	-	-	-	-	2	6	-	-	-	-
3242	-	-	2	6	-	-	-	-	1	3	-	-	1	18
3264	-	-	-	-	-	-	10	427	42	160	-	-	-	-
3266	-	-	-	-	-	-	2	111	20	60	-	-	5	27
3267	-	-	81	496	-	-	1	19	40	118	-	-	10	109
3268	-	-	-	-	-	-	21	534	9	47	-	-	-	-
3269	-	-	1	8	-	-	6	174	351	1400	-	-	8	46
3276	-	-	-	-	-	-	1	36	-	-	-	-	-	-
3277	1	135	-	-	-	-	-	-	-	-	-	-	5	137
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	1	98	-	-	-	-	-	-	-	-	-	-
3507	-	-	-	-	-	-	129	8053	3	41	-	-	45	779
3509	-	-	-	-	-	-	54	5130	-	-	-	-	-	-
3511	-	-	-	-	-	-	7	1105	-	-	-	-	-	-
3512	21	389	4	81	4	47	13	357	232	1708	-	-	125	1175
3513	-	-	-	-	-	-	3	49	-	-	-	-	-	-
3514	-	-	-	-	-	-	-	-	1	64	-	-	-	-
3515	-	-	-	-	-	-	1	70	-	-	-	-	5	85
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	7	26	21	2007	41	218	-	-	4	31
3521	-	-	-	-	-	-	7	476	-	-	-	-	-	-
3522	-	-	-	-	-	-	8	781	8	48	-	-	41	531
3527	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3528	-	-	-	-	-	-	3	276	-	-	-	-	-	-
3529	-	-	-	-	-	-	4	13	39	135	-	-	9	68
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3539	-	-	-	-	-	-	2	164	1	10	-	-	-	-
3541	-	-	-	-	-	-	16	297	3	17	-	-	-	-
3543	10	439	-	-	-	-	16	261	37	207	-	-	3	31
3546	-	-	-	-	-	-	3	146	-	-	-	-	-	-
3554	-	-	-	-	1	56	3	108	-	-	-	-	6	75
3556	-	-	-	-	-	-	4	177	7	53	-	-	-	-
3558	-	-	-	-	-	-	4	159	2	14	-	-	-	-
3559	-	-	12	95	-	-	11	738	30	158	-	-	2	6
3562	-	-	-	-	-	-	21	650	-	-	-	-	-	-
3564	-	-	-	-	-	-	1	73	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3571	-	-	-	-	-	-	2	257	-	-	-	-	1	6
3576	-	-	-	-	-	-	1	52	-	-	-	-	-	-
3577	-	-	1	8	-	-	19	302	8	25	-	-	-	-
3578	-	-	-	-	-	-	-	-	1	5	-	-	-	-
3579	-	-	1	3	-	-	5	160	4	16	-	-	-	-
4000	-	-	14	190	-	-	19	1025	2	3	-	-	9	213
5000	-	-	484	77	-	-	8079	762	58968	3891	-	-	817	105
CUT MO.	35	1614	563	2199	12	129	8661	38540	60095	8723	-	-	1111	4368
CUT YTD	349	6399	3830	28194	262	1446	91547	627417	775893	101579	4	72	19451	93538
1010	-	-	9	187	-	-	2	208	-	-	-	-	-	-
3582	-	-	4	3	-	-	-	-	-	-	-	-	-	-
3583	-	-	199	28	-	-	313	144	376	22	-	-	-	-
3584	-	-	-	-	-	-	17	1557	-	-	-	-	-	-
3586	-	-	3	165	-	-	16	292	-	-	-	-	4	106
3587	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3588	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3589	-	-	6	129	-	-	8	88	-	-	-	-	8	192
3591	-	-	1	60	-	-	-	-	-	-	-	-	-	-
3592	-	-	12	51	-	-	8	83	-	-	-	-	-	-
3593	-	-	-	-	-	-	1	22	-	-	-	-	-	-
3594	-	-	1	20	-	-	14	3023	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3596	-	-	3	29	-	-	7	563	-	-	-	-	-	-
3597	-	-	-	-	-	-	4	202	-	-	-	-	-	-
3598	-	-	-	-	-	-	1	15	-	-	-	-	-	-
3599	-	-	7	819	-	-	10	28	-	-	-	-	5	71
FRM MO.	-	-	295	1489	-	-	401	6224	376	22	-	-	17	369
FRM YTD	-	-	3836	15810	117	139	6056	60078	3704	822	12	13	526	3114
TOT MO.	35	1614	808	3689	12	129	9062	44764	60471	8745	-	-	1128	4737
TOT YTD	349	6399	7666	44004	379	1586	97603	687495	779597	102401	16	85	19977	98652

DECEMBER 1981 - U.S IMPORTS OF MACHINE TOOLS
Total and Countries of Origin

The following is a breakdown of the activity by country which is included in the ALL OTHER column on page 4.

	METAL CUTTING UNITS	METAL CUTTING $000	METAL FORMING UNITS	METAL FORMING $000	TOTAL UNITS	TOTAL $000
EUROPE						
AZORES	-	-	-	-	-	-
BULGARIA	6	39	-	-	6	39
CYPRUS	-	-	-	-	-	-
FINLAND	20	5	-	-	20	5
GREECE	-	-	-	-	-	-
HUNGARY	2	78	-	-	2	78
ICELAND	-	-	-	-	-	-
IRELAND	-	-	-	-	-	-
ROMANIA	21	970	-	-	21	970
USSR	1	4	-	-	1	4
GIBRALTAR	-	-	-	-	-	-
MALTA	-	-	-	-	-	-
TOTAL	50	1093	-	-	50	1093
OTHER N.&C.AM						
BAHAMAS	-	-	-	-	-	-
BARBADOS	-	-	-	-	-	-
BELIZE	-	-	-	-	-	-
BERMUDA	-	-	-	-	-	-
CAYMAN	-	-	-	-	-	-
COSTA RICA	-	-	-	-	-	-
DOMINICAN REP.	-	-	-	-	-	-
FR. W. INDIES	-	-	-	-	-	-
GUATEMALA	-	-	-	-	-	-
HAITI	-	-	-	-	-	-
HONDURAS	-	-	-	-	-	-
JAMAICA	-	-	-	-	-	-
LW & WW IS.	-	-	-	-	-	-
MEXICO	-	-	-	-	-	-
NICARAGUA	-	-	-	-	-	-
N. ANTILLES	-	-	-	-	-	-
PANAMA	-	-	-	-	-	-
SALVADOR	-	-	-	-	-	-
TRINIDAD	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-
OTHER S. AMER						
ARGENTINA	-	-	-	-	-	-
BOLIVIA	-	-	-	-	-	-
BRAZIL	51	604	-	-	51	604
CHILE	-	-	-	-	-	-
COLOMBIA	-	-	-	-	-	-
ECUADOR	-	-	-	-	-	-
FRENCH GUIANA	-	-	-	-	-	-
GUYANA	-	-	-	-	-	-
PARAGUAY	-	-	-	-	-	-
PERU	-	-	-	-	-	-
SURINAM	-	-	-	-	-	-
URUGUAY	-	-	-	-	-	-
VENEZUELA	-	-	-	-	-	-
TOTAL	51	604	-	-	51	604
OTHER ASIA						
AFGHANISTAN	-	-	-	-	-	-
ADEN	-	-	-	-	-	-
ARAB EMIRATES	-	-	-	-	-	-
BAHRAIN	-	-	-	-	-	-
BANGLADASH	-	-	-	-	-	-
BRUNEI	-	-	-	-	-	-
BURMA	-	-	-	-	-	-
CHINA	81	519	-	-	81	519
GAZA STRIP	-	-	-	-	-	-
HONG KONG	730	42	-	-	730	42
INDONESIA	-	-	-	-	-	-
IRAN	-	-	-	-	-	-
IRAQ	-	-	-	-	-	-
ISRAEL	1	10	13	317	14	328
JORDAN	-	-	-	-	-	-
KOREAN REP.	92	1458	-	-	92	1458
KUWAIT	-	-	-	-	-	-
LEBANON	4	40	-	-	4	40
MALAYSIA	-	-	-	-	-	-
NEPAL	-	-	-	-	-	-
OMAN	-	-	-	-	-	-
PAKISTAN	-	-	-	-	-	-
PHILLIPINES	-	-	-	-	-	-
QATAR	-	-	-	-	-	-
SAUDI ARABIA	-	-	-	-	-	-
SINGAPORE	57	596	-	-	57	596
SRI LANKA	-	-	-	-	-	-
SYRIA	-	-	-	-	-	-
THAILAND	-	-	-	-	-	-
TURKEY	-	-	-	-	-	-
YEMEN	-	-	-	-	-	-
TOTAL	965	2665	13	317	978	2983

	METAL CUTTING UNITS	METAL CUTTING $000	METAL FORMING UNITS	METAL FORMING $000	TOTAL UNITS	TOTAL $000
OTHER OCEANIA						
FR. PAC. IS.	-	-	-	-	-	-
NEW GUINEA	-	-	-	-	-	-
NEW ZEALAND	-	-	1	41	1	4
TERR. PAC. IS.	-	-	-	-	-	-
OTH. PAC. IS.	-	-	-	-	-	-
TOTAL	-	-	1	41	1	4
OTHER AFRICA						
BOTSWANA	-	-	-	-	-	-
ALGERIA	-	-	-	-	-	-
ANGOLA	-	-	-	-	-	-
BENIN	-	-	-	-	-	-
CAMEROON	-	-	-	-	-	-
CANARY ISLANDS	-	-	-	-	-	-
DAHOMEY	-	-	-	-	-	-
EGYPT	-	-	-	-	-	-
ETHIOPIA	-	-	-	-	-	-
GABON	-	-	-	-	-	-
GHANA	-	-	-	-	-	-
GUINEA	-	-	-	-	-	-
KENYA	-	-	-	-	-	-
LIBERIA	-	-	-	-	-	-
LIBYA	-	-	-	-	-	-
MALAWI	-	-	-	-	-	-
MAURITANIA	-	-	-	-	-	-
MOROCCO	-	-	-	-	-	-
MOZAMBIQUE	-	-	-	-	-	-
NIGER	-	-	-	-	-	-
NIGERIA	-	-	-	-	-	-
REP. S. AFRICA	45	7	3	11	48	1
RWANDA	-	-	-	-	-	-
SENEGAL	-	-	-	-	-	-
SIERRA LEONE	-	-	-	-	-	-
SOMALIA	-	-	-	-	-	-
S. W. AFRICA	-	-	-	-	-	-
SUDAN	-	-	-	-	-	-
SWAZILAND	-	-	-	-	-	-
TANZANIA	-	-	-	-	-	-
TUNISIA	-	-	-	-	-	-
ZIMBABWE	-	-	-	-	-	-
WEST AFRICA	-	-	-	-	-	-
ZAIRE	-	-	-	-	-	-
TOTAL	45	7	3	11	48	17

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
DECEMBER 1981

RELEASED: March 12, 1982

674:	METAL CUTTING	TOTAL UNITS	1981 $000	AUSTRIA UNITS	AUSTRIA $000	BELGIUM UNITS	BELGIUM $000	DENMARK UNITS	DENMARK $000	FINLAND UNITS	FINLAND $000
3020	Gear Hobbers & Shapers	233	22728	-	-	-	-	-	-	-	-
3045	Gear Cutting Machines, N.E.C.	357	39308	-	-	-	-	1	17	-	-
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26'' or Less	54	5506	2	239	-	-	-	-	-	-
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26''	24	5888	2	460	-	-	-	-	-	-
3209	Horizontal Machining Centers, ATC, NC	109	27029	-	-	-	-	-	-	-	-
3211	Machining Centers, NC, N.E.C.	129	14998	-	-	-	-	-	-	4	912
3216	Single Station and Multi-Station Transfer Machines	220	94197	-	-	-	-	1	113	-	-
3225	Way Type Machines (Unit Heads)	19	3049	-	-	-	-	-	-	-	-
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	18	9504	-	-	-	-	-	-	-	-
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	2	631	-	-	-	-	-	-	-	-
3247	Vertical Boring-Drilling-Milling Machines, NC	48	4908	-	-	-	-	-	-	-	-
3248	Horiz. Boring-Drilling-Milling Machines, non-NC	21	2755	-	-	-	-	-	-	-	-
3249	Vertical Boring-Drilling-Milling Machines, non-NC	481	37197	-	-	2	10	-	-	-	-
3254	Drilling Machines, NC	27	4246	-	-	-	-	-	-	-	-
3255	Drilling Machines, Multi-Spindle, non-NC	94	7751	-	-	1	68	1	103	-	-
3256	Drilling Machines, Radial, non-NC	63	1973	-	-	-	-	-	-	-	-
3257	Drilling Machines, Upright, Single Spindle, non-NC	95	2932	-	-	-	-	3	79	-	-
3258	Drilling Machines, non-NC, N.E.C.	287	7481	-	-	-	-	-	-	1	20
3264	Milling Machines, NC	45	22540	-	-	-	-	-	-	-	-
3266	Milling Machines, Profiling, Dupl. & Die Sinking, non-NC	65	5532	-	-	-	-	-	-	-	-
3267	Milling Machines, Knee Type, non-NC	11	512	-	-	-	-	-	-	-	-
3268	Milling Machines, Bed Type, non-NC	18	1950	-	-	-	-	-	-	-	-
3269	Milling Machines, non-NC, N.E.C.	153	7262	-	-	-	-	-	-	-	-
3276	Vertical Boring Machines, incl. VTL's, NC	23	5319	-	-	-	-	-	-	-	-
3277	Vertical Boring Machines, incl. VTL's, non-NC	118	13396	-	-	-	-	-	-	-	-
3281	Boring Machines, NC, N.E.C.	7	1027	-	-	-	-	-	-	-	-
3283	Boring Machines, non-NC, N.E.C.	79	4700	-	-	-	-	-	-	-	-
3504	Horizontal Lathes, NC, Less Than 25 HP	101	6973	-	-	-	-	-	-	-	-
3506	Horizontal Lathes, NC, 25-50 HP	53	9508	-	-	-	-	-	-	-	-
3508	Horizontal Lathes, NC, Over 50 HP	11	3871	-	-	-	-	-	-	-	-
3510	Horizontal Engine & Toolroom Lathes, non-NC	308	9571	3	239	1	42	-	-	-	-
3511	Automatic Chucking Lathes, Single Spindle, non-NC	47	7453	-	-	1	30	-	-	-	-
3512	Automatic Chucking Lathes, Multi-Spindle, non-NC	35	4316	-	-	-	-	-	-	-	-
3515	Automatic Bar Machines, Single Spindle, non-NC	72	3208	-	-	-	-	-	-	-	-
3516	Automatic Bar Machines, Multi-Spindle, non-NC	84	7729	-	-	-	-	-	-	-	-
3518	Horizontal Lathes, non-NC, N.E.C.	522	18478	-	-	4	109	-	-	-	-
3519	Vertical Lathes, excl. VTL's, NC	25	3771	-	-	-	-	-	-	-	-
3525	Vertical Lathes, excl. VTL's, non-NC	210	19152	-	-	-	-	1	166	-	-
3528	Grinding, Polishing, Honing & Lapping Machines, NC	115	19466	-	-	1	27	-	-	-	-
3529	Gear Tooth Grinding & Finishing Machines, non-NC	108	18097	-	-	-	-	-	-	1	187
3531	Tool & Cutter Grinding Machines, non-NC	406	9518	-	-	5	36	1	8	-	-
3532	Honing & Lapping Machines, non-NC	449	9526	1	3	-	-	-	-	5	23
3533	Grinding Machines, Flat Surface Reciprocating Table, non-NC	205	7544	-	-	-	-	-	-	-	-
3538	Grinding Machines, Flat Surface, non-NC, N.E.C.	338	21672	-	-	-	-	-	-	-	-
3541	External Grinding Machines, non-NC	110	15894	1	53	-	-	-	-	-	-
3542	Internal Grinding Machines, non-NC	36	5093	-	-	-	-	-	-	-	-
3544	Grinding, Polishing & Buffing Machines, non-NC, N.E.C.	269	11240	-	-	3	17	-	-	-	-
3546	Grinding Machines, non-NC, N.E.C.	766	29564	-	-	1	194	-	-	-	-
3547	Traveling Wire Electrical Discharge Machines	50	1533	-	-	-	-	-	-	-	-
3549	All Other Electrical Discharge Machines	275	3627	9	87	-	-	-	-	10	44
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	5	494	-	-	-	-	-	-	-	-
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, non-NC	63	1430	-	-	-	-	-	-	-	-
3559	Metal Cutting Machine Tools, NC, N.E.C.	101	3488	-	-	-	-	-	-	1	3
3565	Sawing & Cut-off Machines, non-NC	755	12608	-	-	1	109	-	-	1	10
3566	Broaching Machines, non-NC	228	15540	-	-	-	-	-	-	-	-
3567	Metal Cutting Machine Tools, non-NC, N.E.C.	685	21672	-	-	11	536	1	11	1	8
4000	Metal Cutting Machine Tools, Used or Rebuilt*	4595	55424	3	108	-	-	1	4	5	17
5000	Metal Cutting Machine Tools, Less Than $2500*	63195	19049	2	3	3203	468	9	12	25	39
	TOTAL CUTTING YTD	77022	724005	23	1190	3234	1645	19	513	54	1263

674:	METAL FORMING	TOTAL UNITS	1981 $000	AUSTRIA UNITS	AUSTRIA $000	BELGIUM UNITS	BELGIUM $000	DENMARK UNITS	DENMARK $000	FINLAND UNITS	FINLAND $000
1011	Die Casting Machines & Parts	-	15204	-	78	-	112	-	4	-	49
3568	Metal Forming Machine Tools, Used or Rebuilt	1620	22596	-	-	3	3	4	12	2	2
3569	Metal Forming Machine Tools, Less Than $2500	9717	6140	-	-	90	37	21	12	6	2
3571	Punching & Shearing Machines, incl. Combination, NC	118	13756	-	-	-	-	1	87	-	-
3573	Shearing Machines, non-NC	156	9174	-	-	1	50	-	-	-	-
3575	Punching & Combination Punching & Shearing Machines, non-NC	921	22004	-	-	5	121	3	129	-	-
3578	Bending, Folding, Straightening & Flattening Machines, NC	232	14524	-	-	4	572	1	26	-	-
3582	Press Brakes, non-NC	130	5695	-	-	-	-	5	356	-	-
3583	Bending Rolls, Ram & Press Bending Machines, non-NC	57	2955	-	-	-	-	-	-	-	-
3584	Bending,Folding,Str. & Flattening Machines, non-NC, N.E.C.	769	22820	-	-	-	-	1	4	2	14
3588	Mechanical Presses, non-NC	424	22922	-	-	6	577	2	20	1	30
3589	Hydraulic Presses, Vertical, Single Action, non-NC	116	15008	-	-	1	15	-	-	-	-
3590	Hydraulic & Pneumatic Presses, non-NC, N.E.C.	623	41436	-	-	1	9	-	-	10	330
3594	Headers & Upsetters, non-NC	79	7686	-	-	-	-	-	-	-	-
3595	Forging Machines, non-NC, N.E.C.	177	13636	-	-	4	33	1	3	2	111
3598	Metal Forming Machine Tools, non-NC, N.E.C.	1328	67941	3	31	12	1696	3	120	1	6
	TOTAL FORMING YTD	16467	303558	3	109	127	3223	42	772	24	543
	TOTAL ALL TYPES YTD	93489	1027573	26	1300	3361	4868	61	1286	78	1806

Source: U.S. Department of Commerce, Census Report No. EM522; National Machine Tool Builders' Association.

NOTES: 1) a/Dollar amount less than $500; 2) N.E.C. - Not Elsewhere Classified; 3) Individual items may not add to totals due to rounding. 4) Beginning in January 1980, foreign trade data for die casting machines are included in the metal forming total.

*Code 6744000 shown above represents combined data from codes 674:3015,3241,3252,3261,3272,3501,3526 & 3554.
Code 6745000 shown above represents combined data from codes 674:3243,3253,3262,3273,3502,3527 & 3557.

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
DECEMBER 1981

	FRANCE		GREECE		IRELAND		ITALY		NETHERLANDS		NORWAY		POLAND		ROMANIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	1	164	-	-	-	-	1	160	-	-	-	-	-	-	-	-
3045	3	433	-	-	1	72	18	2330	-	-	3	23	-	-	4	769
3204	2	206	-	-	-	-	1	86	-	-	-	-	-	-	-	-
3206	1	208	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	12	3425	-	-	1	73	2	398	-	-	1	475	-	-	-	-
3211	1	142	-	-	-	-	1	13	-	-	1	148	-	-	-	-
3216	26	4376	-	-	-	-	1	180	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	1	250	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	1	182	-	-	-	-	-	-	-	-
3255	8	1081	-	-	1	60	1	63	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	5	382	-	-	2	55	8	505	-	-	-	-	-	-	-	-
3258	2	8	-	-	1	21	9	229	-	-	-	-	-	-	-	-
3264	1	502	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	1	504	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	2	291	-	-	-	-	-	-	-	-	-	-
3269	3	234	-	-	1	6	1	25	-	-	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	1	54	2	29	-	-	2	861	-	-	-	-	-	-	-	-
3281	-	-	-	-	5	582	-	-	-	-	-	-	-	-	-	-
3283	10	402	-	-	-	-	5	87	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	2	204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	7	86	-	-	3	78	1	27	2	21	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	4	264	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	8	358	-	-	-	-	1	33	-	-	-	-	-	-	-	-
3518	7	99	-	-	11	273	3	42	6	244	-	-	-	-	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	2	91	-	-	3	104	4	800	-	-	-	-	1	24	-	-
3528	4	410	-	-	-	-	2	480	1	66	1	24	-	-	-	-
3529	1	72	-	-	3	108	1	79	-	-	-	-	-	-	1	144
3531	10	2488	-	-	-	-	1	4	4	32	-	-	-	-	-	-
3532	4	164	-	-	-	-	11	177	1	3	-	-	-	-	-	-
3533	5	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3538	2	375	-	-	2	40	10	310	1	17	-	-	-	-	1	27
3541	-	-	-	-	3	82	-	-	-	-	-	-	-	-	-	-
3542	4	617	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	1	5	14	72	-	-	3	263	2	16	-	-	-	-	1	59
3546	47	1006	3	118	2	13	5	1347	1	44	-	-	-	-	1	378
3547	1	3	-	-	-	-	1	3	-	-	-	-	-	-	-	-
3549	1	81	-	-	-	-	19	231	-	-	-	-	-	-	-	-
3551	1	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	2	30	-	-	-	-	2	51	2	31	-	-	-	-	-	-
3559	8	64	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	-	-	1	7	2	13	1	15	41	670	-	-	-	-	-	-
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	18	1066	2	50	6	215	2	14	9	179	-	-	-	-	-	-
4000	9	104	-	-	27	316	11	336	6	29	2	9	-	-	-	-
5000	219	73	12	11	529	45	1103	225	2984	176	47[illegible]	23	-	-	-	-
CUTTING YTD	439	19117	34	287	610	2959	1233	10059	3060	1530	478	701	1	24	8	1377
1011	-	67	-	30	-	-	-	288	-	100	-	91	-	-	-	-
3568	5	74	1	96	8	25	10	137	226	3068	2	7	-	-	-	-
3569	271	118	2	2	30	26	79	32	104	24	10	7	-	-	-	-
3571	13	1953	-	-	3	498	8	785	2	124	-	-	-	-	-	-
3573	1	21	-	-	1	58	-	-	-	-	-	-	-	-	-	-
3575	23	926	-	-	10	179	10	603	15	219	1	6	-	-	-	-
3578	9	474	-	-	-	-	2	59	5	348	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	1	23	2	23	-	-	-	-
3583	-	-	-	-	-	-	-	-	3	130	-	-	-	-	-	-
3584	14	533	-	-	2	66	1	45	20	446	3	60	-	-	-	-
3588	42	905	-	-	2	101	2	232	1	31	1	67	-	-	-	-
3589	-	-	1	67	8	3608	-	-	-	-	-	-	-	-	-	-
3590	14	2147	2	695	4	752	12	2142	8	838	-	-	-	-	1	109
3594	-	-	1	24	-	-	-	-	-	-	-	-	-	-	-	-
3595	3	45	-	-	8	2894	6	534	1	20	-	-	-	-	-	-
3598	65	2780	2	213	7	260	15	1760	6	507	-	-	-	-	-	-
FORMING YTD	460	10043	9	1127	83	8467	145	6618	392	5877	19	260	-	-	1	109
ALL TYPES YTD	899	29160	43	1414	693	11426	1378	16678	3452	7407	497	962	1	24	9	1486

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
DECEMBER 1981

	SPAIN		SWEDEN		SWITZERLAND		U. KINGDOM		USSR		W. GERMANY		YUGOSLAVIA		CANADA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	22	1155	-	-	-	-	-	-	-	-	2	568	-	-	172	17793
3045	5	215	2	485	1	26	7	398	9	2908	45	5106	1	225	39	4072
3204	-	-	-	-	8	1035	7	829	-	-	1	166	-	-	24	1577
3206	-	-	1	222	-	-	4	798	-	-	2	472	-	-	11	2721
3209	3	358	4	1031	7	2048	5	1657	-	-	17	4012	-	-	18	6756
3211	4	289	1	209	6	621	10	1241	-	-	8	1393	-	-	36	5563
3216	-	-	-	-	-	-	35	11874	-	-	1	512	-	-	65	47308
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	1585
3245	-	-	-	-	-	-	1	162	-	-	1	281	-	-	10	4214
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	2	192	5	310	-	-	2	188	-	-	16	1838
3248	-	-	-	-	-	-	6	362	-	-	-	-	-	-	8	1534
3249	-	-	9	188	2	200	6	60	-	-	1	65	-	-	34	1297
3254	-	-	-	-	-	-	1	101	-	-	2	642	-	-	14	2065
3255	-	-	2	169	-	-	6	453	-	-	4	420	-	-	11	1252
3256	-	-	-	-	-	-	13	294	-	-	1	40	-	-	1	16
3257	-	-	-	-	1	99	1	2	-	-	5	302	-	-	22	444
3258	-	-	-	-	11	198	1	5	-	-	6	32	-	-	54	1210
3264	-	-	-	-	-	-	3	809	-	-	-	-	-	-	7	7672
3266	-	-	-	-	2	12	-	-	-	-	-	-	1	4	9	340
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	2	195	-	-	-	-	-	-	4	288
3269	-	-	-	-	3	82	7	74	-	-	4	438	-	-	18	1172
3276	-	-	-	-	-	-	7	776	-	-	1	65	-	-	3	1114
3277	-	-	-	-	1	98	16	248	-	-	4	134	-	-	15	3693
3281	-	-	-	-	-	-	-	-	-	-	1	87	-	-	-	-
3283	-	-	1	9	-	-	1	8	-	-	10	228	-	-	15	1443
3504	-	-	-	-	-	-	41	2806	-	-	4	250	-	-	25	1981
3506	-	-	-	-	-	-	17	2756	-	-	-	-	-	-	16	3363
3508	-	-	-	-	-	-	2	718	-	-	-	-	1	346	4	1123
3510	-	-	-	-	-	-	1	8	-	-	-	-	-	-	104	1438
3511	-	-	-	-	-	-	5	207	-	-	-	-	-	-	20	4434
3512	-	-	-	-	-	-	1	91	-	-	-	-	-	-	18	2621
3515	6	122	-	-	2	39	1	5	-	-	6	508	-	-	18	1037
3516	-	-	-	-	-	-	3	104	-	-	-	-	-	-	49	5029
3518	2	208	3	15	6	54	17	609	-	-	20	414	5	546	92	3437
3519	-	-	-	-	-	-	4	579	-	-	3	341	-	-	3	233
3525	-	-	-	-	-	-	17	377	1	260	10	1276	-	-	16	2355
3528	1	57	-	-	-	-	5	802	1	459	14	2105	-	-	33	5754
3529	1	127	2	648	-	-	11	181	19	10530	3	612	-	-	18	1181
3531	1	30	-	-	1	17	16	224	-	-	5	541	-	-	134	1636
3532	6	353	8	49	50	457	16	134	-	-	35	538	-	-	70	2953
3533	-	-	1	7	6	146	16	218	-	-	1	65	-	-	89	1025
3538	-	-	-	-	-	-	13	1673	-	-	4	171	-	-	34	3409
3541	-	-	-	-	-	-	10	1016	-	-	-	-	-	-	60	10738
3542	1	255	-	-	-	-	4	165	-	-	1	40	-	-	14	2558
3544	4	106	-	-	-	-	10	169	1	83	11	757	11	93	48	2156
3546	8	67	4	116	13	669	46	1316	1	426	31	528	-	-	95	4288
3547	-	-	-	-	29	1100	1	1	-	-	1	14	-	-	5	23
3549	1	8	-	-	-	-	21	127	-	-	2	25	1	541	15	287
3551	-	-	-	-	-	-	1	34	-	-	-	-	-	-	-	-
3553	-	-	9	82	2	31	1	12	-	-	2	29	-	-	4	65
3559	-	-	1	146	5	33	4	87	-	-	28	1165	-	-	17	637
3565	3	41	-	-	8	81	74	1323	-	-	12	461	-	-	300	3557
3566	-	-	-	-	1	19	2	62	-	-	-	-	-	-	128	7291
3567	2	217	2	15	11	203	21	376	1	459	34	1622	-	-	119	3788
4000	34	4584	4	12	25	150	170	9426	-	-	104	318	-	-	519	6601
5000	48	36	178	64	833	236	1402	463	-	-	1178	382	6	14	21904	5995
CUTTING YTD	152	8228	232	3469	1036	7843	2097	46724	33	15125	1627	27313	26	1768	24585	207959
1011	-	48	-	135	-	37	-	452	-	8	-	699	-	12	-	4261
3568	1	67	2	10	2	50	23	244	-	-	4	196	-	-	202	3496
3569	1	1	50	41	101	44	222	85	-	-	380	159	-	-	3424	2281
3571	2	465	-	-	-	-	8	684	-	-	8	731	-	-	14	2643
3573	-	-	2	122	-	-	-	-	-	-	2	28	-	-	39	939
3575	2	7	2	49	5	146	47	1906	-	-	15	935	-	-	246	4438
3578	6	1361	-	-	2	127	6	443	-	-	16	914	1	19	32	1124
3582	1	122	-	-	-	-	6	95	-	-	-	-	-	-	19	573
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	729
3584	5	360	1	13	-	-	24	1208	-	-	5	94	-	-	192	3833
3588	2	178	1	101	-	-	22	3082	52	1302	9	514	-	-	72	3093
3589	3	330	1	87	-	-	2	742	-	-	2	132	-	-	18	1367
3590	1	227	7	1081	23	816	24	2276	-	-	3	122	5	1706	117	6085
3594	-	-	-	-	-	-	-	-	-	-	2	27	1	29	26	3800
3595	-	-	-	-	1	45	7	741	-	-	14	342	-	-	28	2730
3598	16	2838	5	344	5	111	286	5382	1	50	75	2995	2	1287	159	6782
FORMING YTD	40	6003	71	1982	13[illegible]	1376	677	17341	53	1359	535	7888	9	3052	4608	48175
ALL TYPES YTD	192	14230	303	5451	1175	9219	2774	64065	86	16484	2162	35200	35	4820	29193	256134

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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674:	MEXICO UNITS	$000	OTH. N&C AM UNITS	$000	ARGENTINA UNITS	$000	BRAZIL UNITS	$000	CHILE UNITS	$000	COLOMBIA UNITS	$000	PERU UNITS	$000	VENEZUELA UNITS	$000
3020	1	141	-	-	-	-	3	411	-	-	2	165	1	25	1	24
3045	36	1145	1	24	-	-	8	1791	2	77	-	-	1	16	3	401
3204	1	261	-	-	-	-	3	540	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	1	211	-	-	-	-	-	-	-	-
3209	7	1464	-	-	-	-	2	475	-	-	-	-	-	-	1	154
3211	22	2703	1	52	2	132	9	454	-	-	2	357	-	-	3	137
3216	85	28218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	8	1311	3	153	-	-	-	-	-	-	-	-	-	-	-	-
3245	2	284	-	-	-	-	1	393	-	-	-	-	-	-	-	-
3246	1	178	-	-	-	-	1	453	-	-	-	-	-	-	-	-
3247	14	1204	-	-	1	41	2	105	-	-	-	-	-	-	-	-
3248	2	319	-	-	-	-	-	-	-	-	-	-	-	-	1	108
3249	315	34132	2	15	-	-	4	50	-	-	1	15	1	5	4	53
3254	5	1027	-	-	-	-	-	-	-	-	-	-	-	-	1	13
3255	34	2090	-	-	-	-	-	-	-	-	1	109	-	-	-	-
3256	33	1040	1	11	-	-	-	-	-	-	2	117	-	-	1	60
3257	42	364	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	108	3532	9	144	-	-	14	171	-	-	9	104	1	21	2	46
3264	5	1072	1	65	1	512	3	482	-	-	-	-	-	-	2	504
3266	32	183	-	-	1	11	3	583	-	-	-	-	-	-	1	13
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	116
3268	3	392	1	15	-	-	-	-	-	-	-	-	-	-	-	-
3269	45	2233	3	35	2	137	-	-	3	464	-	-	-	-	4	355
3276	-	-	-	-	4	1461	-	-	-	-	1	219	-	-	1	1009
3277	40	5264	1	239	1	99	-	-	-	-	1	9	-	-	1	22
3281	1	358	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	10	1018	1	20	-	-	2	265	-	-	1	42	-	-	1	157
3504	16	1086	1	42	-	-	-	-	-	-	-	-	1	73	2	105
3506	8	1671	-	-	2	315	-	-	-	-	-	-	1	67	1	211
3508	2	530	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	101	1533	28	283	1	25	-	-	-	-	4	85	3	35	3	69
3511	13	1304	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	6	450	-	-	-	-	2	398	-	-	-	-	-	-	-	-
3515	25	912	1	11	1	285	1	68	-	-	-	-	-	-	-	-
3516	15	2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	218	9262	14	123	2	45	3	54	-	-	8	67	6	61	8	48
3519	8	1226	-	-	-	-	-	-	-	-	1	33	-	-	-	-
3525	84	8746	3	198	7	368	5	687	2	82	1	23	2	51	6	100
3528	13	1697	1	16	-	-	-	-	-	-	-	-	-	-	4	141
3529	12	287	-	-	-	-	1	61	-	-	1	52	-	-	1	366
3531	92	1164	6	79	2	48	4	392	7	97	1	8	-	-	2	23
3532	205	3808	-	-	1	22	3	55	-	-	-	-	-	-	1	4
3533	20	294	-	-	-	-	-	-	-	-	-	-	-	-	1	22
3538	115	9557	-	-	4	69	7	884	-	-	3	68	-	-	4	339
3541	6	334	1	51	1	36	5	764	-	-	-	-	-	-	-	-
3542	2	68	-	-	-	-	4	532	-	-	-	-	-	-	-	-
3544	36	1648	1	7	-	-	5	361	-	-	-	-	2	17	-	-
3546	145	11436	6	92	1	25	31	767	1	220	10	246	3	68	52	314
3547	5	47	1	13	-	-	2	89	-	-	-	-	-	-	1	200
3549	26	694	4	72	12	155	2	15	-	-	1	12	-	-	6	134
3551	1	285	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	17	486	-	-	-	-	2	30	-	-	-	-	-	-	2	134
3559	11	299	2	11	-	-	-	-	1	3	-	-	-	-	1	3
3565	119	2684	12	111	7	78	4	154	3	35	2	11	3	17	7	297
3566	81	6823	-	-	-	-	4	463	-	-	-	-	-	-	-	-
3567	174	5996	17	193	3	109	30	1449	-	-	10	91	-	-	20	311
4000	2700	21908	99	357	9	245	28	915	54	159	7	73	12	92	59	794
5000	4972	2611	3689	588	97	87	310	180	2547	143	359	161	71	66	1575	1145
CUTTING YTD	10100	190777	3910	3020	162	4303	509	18706	2620	1280	428	2066	108	614	1785	7928
1011	-	2316	-	813	-	18	-	1850	-	14	-	53	-	13	-	393
3568	506	6854	35	435	29	64	6	34	-	-	115	400	9	44	61	1123
3569	1261	1007	195	117	24	14	92	30	67	54	30	22	157	270	567	322
3571	13	778	-	-	1	300	1	59	1	110	-	-	-	-	-	-
3573	72	3198	2	15	3	44	1	1029	-	-	3	291	-	-	1	16
3575	177	3909	21	238	6	780	4	75	5	105	5	56	6	90	10	292
3578	79	3473	3	46	2	37	5	469	-	-	-	-	-	-	13	435
3582	53	2789	2	8	1	7	-	-	-	-	1	11	2	30	2	12
3583	18	1721	2	53	-	-	-	-	-	-	-	-	-	-	2	33
3584	226	7660	14	210	4	84	7	315	2	12	5	87	2	52	86	1443
3588	100	4879	1	122	2	335	4	662	-	-	-	-	1	20	4	446
3589	42	3442	3	187	1	31	3	1237	-	-	1	27	2	73	-	-
3590	226	8770	8	68	3	349	2	1939	4	402	5	1187	18	421	21	413
3594	11	1250	-	-	6	186	1	5	-	-	-	-	-	-	-	-
3595	44	2098	3	63	2	96	2	55	-	-	-	-	1	686	3	165
3598	302	13976	6	118	25	1006	16	1725	8	229	16	370	35	1169	26	2061
FORMING YTD	3130	68119	295	2493	109	3352	144	9484	87	926	181	2503	233	2866	796	7153
ALL TYPES YTD	13230	258896	4205	5513	271	7655	653	24190	2707	2206	609	4569	341	3480	2581	15081

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674:	OTH. S. AM. UNITS	$000	INDIA UNITS	$000	IRAN UNITS	$000	ISRAEL UNITS	$000	JAPAN UNITS	$000	KOREAN REP. UNITS	$000	PHILLIPINES UNITS	$000	SINGAPORE UNITS	$000
3020	-	-	2	435	-	-	2	92	19	1099	2	73	-	-	-	-
3045	1	103	7	1783	-	-	47	1420	37	8443	3	144	3	100	15	2509
3204	-	-	-	-	-	-	-	-	1	89	-	-	-	-	-	-
3206	-	-	-	-	-	-	1	407	-	-	-	-	-	-	-	-
3209	-	-	6	944	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	1	170	-	-	-	-	9	453	1	27
3216	-	-	-	-	-	-	-	-	2	1046	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	1	419	-	-	-	-	-	-	1	3500	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	2	553	-	-	-	-	2	205
3248	-	-	3	75	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	4	73	-	-	-	-	79	650	2	34	-	-	-	-
3254	-	-	-	-	-	-	-	-	1	81	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	10	902	-	-	1	69	-	-
3256	-	-	2	257	-	-	-	-	-	-	1	21	-	-	-	-
3257	-	-	-	-	-	-	1	19	3	675	-	-	-	-	1	5
3258	3	40	1	7	-	-	1	4	7	221	3	131	4	45	1	15
3264	-	-	-	-	-	-	10	1332	-	-	-	-	-	-	-	-
3266	1	5	3	430	-	-	-	-	-	-	3	2327	-	-	-	-
3267	-	-	1	87	-	-	1	37	-	-	-	-	-	-	-	-
3268	-	-	1	97	-	-	-	-	1	126	4	546	-	-	-	-
3269	1	74	6	53	1	21	2	74	3	892	2	23	3	72	1	7
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	467
3277	-	-	9	744	-	-	-	-	1	136	-	-	-	-	7	486
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	1	15	-	-	-	-	7	368	2	145	-	-	1	5
3504	1	69	-	-	-	-	-	-	2	137	-	-	-	-	2	98
3506	-	-	-	-	-	-	-	-	1	160	1	213	1	250	-	-
3508	-	-	-	-	-	-	-	-	-	-	1	922	-	-	1	231
3510	1	7	8	73	-	-	1	14	2	31	2	48	4	174	4	333
3511	-	-	1	77	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	1	398	1	25	-	-	1	34
3515	1	7	7	181	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	8	205	-	-	-	-	-	-
3518	4	283	2	4	-	-	2	330	9	439	6	35	2	20	12	431
3519	-	-	-	-	-	-	-	-	1	431	-	-	-	-	4	591
3525	-	-	8	685	-	-	6	519	5	145	3	126	-	-	8	962
3528	-	-	-	-	-	-	-	-	20	5764	1	287	-	-	1	187
3529	-	-	2	180	-	-	-	-	25	3228	-	-	1	15	-	-
3531	1	11	6	144	-	-	3	30	14	596	48	1124	1	6	14	212
3532	-	-	-	-	-	-	-	-	4	351	-	-	-	-	-	-
3533	-	-	5	229	-	-	2	39	15	524	1	9	-	-	16	282
3538	-	-	2	40	-	-	-	-	27	1778	14	783	3	34	17	1121
3541	-	-	3	475	-	-	5	131	3	924	2	174	-	-	5	447
3542	1	40	2	320	-	-	-	-	3	497	-	-	-	-	-	-
3544	2	111	2	142	-	-	1	24	45	3849	5	103	-	-	26	174
3546	71	479	15	1214	-	-	41	245	34	1606	29	707	-	-	4	104
3547	-	-	-	-	-	-	-	-	1	26	-	-	-	-	-	-
3549	4	82	-	-	-	-	1	31	17	170	7	38	2	4	9	23
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	5	68	-	-	-	-	1	41	1	12	1	29	-	-
3559	2	489	-	-	-	-	-	-	1	11	6	46	1	4	1	11
3565	2	39	8	126	-	-	1	6	20	479	4	119	3	69	5	89
3566	-	-	3	48	-	-	-	-	4	784	-	-	-	-	-	-
3567	6	53	35	328	-	-	8	60	11	1856	5	512	4	207	4	40
4000	48	323	7	620	-	-	8	47	29	703	87	300	13	238	60	835
5000	330	97	86	52	-	-	207	227	1792	392	377	170	290	153	1157	465
CUTTING YTD	480	2310	254	10422	1	21	352	5256	2268	40803	624	12695	346	1940	1382	10395
1011	-	229	-	53	-	-	-	14	-	1334	-	10	-	210	-	28
3568	144	879	13	168	-	-	21	42	18	1233	42	848	6	43	14	298
3569	164	113	35	19	-	-	189	106	148	171	3	1	164	95	551	148
3571	-	-	4	782	-	-	6	380	16	1227	1	35	-	-	1	34
3573	-	-	-	-	1	5	3	84	-	-	2	63	-	-	2	20
3575	10	265	-	-	-	-	8	431	57	831	7	89	2	18	34	396
3578	-	-	-	-	-	-	1	600	21	1429	1	16	-	-	4	75
3582	-	-	-	-	-	-	1	25	2	300	-	-	1	22	-	-
3583	-	-	-	-	-	-	-	-	-	-	2	46	-	-	1	45
3584	7	302	1	14	-	-	1	67	17	745	4	184	2	69	13	438
3588	2	31	2	55	-	-	-	-	23	1445	9	966	-	-	20	275
3589	-	-	5	1731	-	-	-	-	1	36	-	-	-	-	-	-
3590	3	28	11	1422	-	-	-	-	14	1027	1	8	5	677	7	198
3594	-	-	-	-	-	-	1	8	13	1897	-	-	-	-	-	-
3595	1	8	2	14	-	-	3	300	1	259	1	3	1	47	1	1195
3598	13	657	14	517	-	-	15	355	28	1477	6	61	12	126	8	187
FORMING YTD	344	2512	87	4776	1	5	249	2412	355	13411	79	2329	193	1305	656	3335
ALL TYPES YTD	824	4821	341	15199	2	26	601	7668	2623	54214	703	15024	539	3246	2038	13730

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674:	TAIWAN		TURKEY		OTHER ASIA		AUSTRALIA		N. ZEALAND		REP./S.AFR.		OTH. AFRICA		ALL OT CTRY	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	2	426	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	8	770	-	-	35	2097	-	-	1	15	4	393	2	417	4	582
3204	1	92	-	-	-	-	-	-	-	-	2	339	-	-	1	47
3206	-	-	-	-	-	-	1	389	-	-	-	-	-	-	-	-
3209	-	-	-	-	15	1470	1	357	-	-	2	590	1	433	-	-
3211	1	19	-	-	5	416	2	261	-	-	1	66	1	19	-	-
3216	2	418	-	-	3	265	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	1	144	-	-	-	-	1	126	-	-	-	-
3248	-	-	-	-	1	362	-	-	-	-	-	-	-	-	-	-
3249	1	107	-	-	11	166	-	-	-	-	1	34	1	17	1	25
3254	-	-	-	-	2	135	-	-	-	-	-	-	-	-	-	-
3255	5	321	-	-	2	139	5	387	-	-	1	65	-	-	-	-
3256	-	-	-	-	1	17	-	-	-	-	6	90	1	12	-	-
3257	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	5	48	-	-	14	347	7	185	-	-	2	40	6	228	5	430
3264	1	1645	-	-	1	87	10	7858	-	-	-	-	-	-	-	-
3266	5	149	-	-	1	50	2	921	-	-	-	-	-	-	-	-
3267	2	125	1	19	3	105	-	-	-	-	1	23	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	5	72	3	139	7	79	19	384	1	24	1	21	3	53	1	21
3276	-	-	-	-	-	-	4	208	-	-	-	-	-	-	-	-
3277	1	8	-	-	14	1251	1	22	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	4	58	4	267	1	20	2	143	-	-	-	-
3504	1	74	-	-	3	126	2	128	-	-	-	-	-	-	-	-
3506	-	-	-	-	1	85	-	-	-	-	-	-	1	60	1	153
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	3	103	3	49	3	118	3	53	-	-	10	577	2	23	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	7	1400	-	-
3512	-	-	-	-	1	36	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	2	26	-	-	-	-	1	7	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	11	128	-	-	22	573	3	23	-	-	8	443	6	61	-	-
3519	-	-	-	-	1	337	-	-	-	-	-	-	-	-	-	-
3525	-	-	2	35	3	192	2	90	-	-	2	21	2	265	4	406
3528	1	18	1	128	1	135	2	218	-	-	4	251	3	442	-	-
3529	-	-	2	20	1	8	1	12	-	-	-	-	-	-	-	-
3531	5	225	2	9	11	158	5	110	1	9	2	69	1	22	-	-
3532	1	12	-	-	6	50	7	133	1	10	11	99	-	-	2	128
3533	5	82	-	-	9	67	-	-	1	25	4	170	1	5	7	286
3538	9	400	-	-	24	762	4	272	-	-	37	404	-	-	1	140
3541	3	311	-	-	1	106	1	253	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	3	168	-	-	22	603	-	-	-	-	6	126	3	30	1	80
3546	3	21	7	38	30	1212	7	101	-	-	17	155	1	6	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	2	15	-	-
3549	6	64	7	39	23	69	63	451	1	1	3	137	2	10	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	116
3553	-	-	-	-	7	147	2	133	1	20	-	-	-	-	-	-
3559	-	-	-	-	5	16	1	3	1	4	3	446	1	9	-	-
3565	10	73	1	18	40	592	23	771	1	17	26	389	10	147	-	-
3566	1	6	-	-	1	10	1	6	-	-	-	-	2	27	-	-
3567	3	28	-	-	33	512	32	441	4	77	39	333	5	295	2	24
4000	30	500	31	424	219	2009	45	476	6	75	71	1470	25	692	28	154
5000	159	76	12	18	3971	1829	2405	419	23	24	2250	1491	871	249	1540	144
CUTTING YTD	294	6491	72	934	4560	16962	2665	15329	43	320	2518	8518	960	4933	1600	2735
1011	-	50	-	-	-	98	-	415	-	74	-	57	-	692	-	-
3568	18	24	3	54	42	736	10	547	1	23	23	1221	1	11	12	32
3569	55	31	17	5	726	488	236	93	103	35	82	51	25	21	35	57
3571	-	-	-	-	1	35	11	1701	-	-	2	195	1	147	-	-
3573	4	2761	-	-	6	124	-	-	-	-	7	201	-	-	3	107
3575	13	163	1	304	40	1300	28	794	8	78	73	1239	8	439	14	450
3578	1	154	-	-	9	1222	3	89	1	26	1	440	3	109	1	439
3582	-	-	1	16	12	189	7	41	-	-	6	1021	4	26	1	8
3583	1	18	-	-	7	150	1	30	-	-	-	-	-	-	-	-
3584	7	358	2	17	49	2232	15	585	2	45	19	728	11	480	3	16
3588	5	124	-	-	8	707	4	194	-	-	17	1277	4	652	3	501
3589	3	907	1	42	14	531	2	276	-	-	1	86	-	-	1	55
3590	9	2473	5	43	17	618	7	824	-	-	6	399	16	747	3	94
3594	-	-	1	30	2	54	11	114	-	-	3	262	-	-	-	-
3595	5	246	-	-	5	284	4	86	-	-	3	368	-	-	20	166
3598	18	2389	-	-	54	11123	15	458	7	142	15	800	16	1724	10	111
FORMING YTD	139	9697	31	511	992	19891	354	6246	122	421	258	8346	89	5047	106	2034
ALL TYPES YTD	433	16189	103	1445	5552	36853	3019	21575	165	741	2776	16864	1049	9980	1706	4769

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
Total and Countries of Destination
The following is a breakdown of the activity by country which is included in the ALL OTHER columns.

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
EUROPE						
AZORES	-	-	2	1	2	1
BULGARIA	1	28	2	32	3	60
CYPRUS	-	-	-	-	-	-
CZECHOSLOVAKIA	4	319	15	1022	19	1341
E GERMANY	-	-	-	-	-	-
HUNGARY	3	482	1	439	4	921
ICELAND	87	29	4	16	91	45
PORTUGAL	1469	1600	78	511	1547	2111
GIBRALTAR	-	-	-	-	-	-
MALTA	4	10	-	-	4	10
TOTAL	1568	2468	102	2021	1670	4489
OTHER N.&C.AM						
BAHAMAS	42	278	16	24	58	302
BARBADOS	11	47	11	38	22	85
BELIZE	2	2	-	-	2	2
BERMUDA	2	4	1	4	3	8
CAYMAN	1	1	-	-	1	1
COSTA RICA	116	217	9	77	125	294
DOMINICAN REP.	100	157	57	305	157	462
FR. W. INDIES	1	1	3	28	4	29
GUATEMALA	388	193	3	116	391	309
HAITI	28	153	10	246	38	399
HONDURAS	81	172	3	39	84	211
JAMAICA	41	132	27	255	68	387
LW & WW IS.	50	152	34	84	84	236
NICARAGUA	6	89	3	5	9	94
N. ANTILLES	6	9	5	1	11	10
PANAMA	2988	561	30	205	3018	766
SALVADOR	3	5	5	773	8	778
TRINIDAD	44	851	78	292	122	1142
TOTAL	3910	3020	295	2493	4205	5513
OTHER S. AMER						
BOLIVIA	11	318	6	53	17	371
ECUADOR	221	1717	261	2184	482	3901
FRENCH GUIANA	-	-	-	-	-	-
GUYANA	20	40	1	1	21	41
PARAGUAY	8	43	6	1	14	44
SURINAM	3	112	24	197	27	308
URUGUAY	217	80	46	76	263	156
TOTAL	480	2310	344	2512	824	4821
OTHER ASIA						
AFGHANISTAN	-	-	-	-	-	-
ADEN	-	-	-	-	-	-
ARAB EMIRATES	1004	705	8	8	1012	713
BAHRAIN	15	67	1	8	16	75
BANGLADASH	10	75	-	-	10	75
BRUNEI	13	14	-	-	13	14
BURMA	53	316	2	1	55	317
CHINA	34	1335	4	164	38	1499
GAZA STRIP	-	-	-	-	-	-
HONG KONG	247	1819	62	8386	309	10206
INDONESIA	68	729	57	1493	125	2222
IRAQ	17	166	-	-	17	166
JORDAN	70	692	3	144	73	835
KUWAIT	232	398	12	150	244	548
LEBANON	37	81	36	258	73	339
MALAYSIA	44	942	45	909	89	1851
NEPAL	-	-	-	-	-	-
OMAN	9	21	20	60	29	82
PAKISTAN	12	215	1	50	13	265
QATAR	28	271	2	219	30	491
SAUDI ARABIA	2478	7963	633	6906	3111	14868
SRI LANKA	1	1	1	14	2	15
SYRIA	1	2	1	39	2	40
THAILAND	187	1151	104	1083	291	2234
YEMEN	-	-	-	-	-	-
TOTAL	4560	16962	992	19891	5552	36853

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER OCEANIA						
FR. PAC. IS.	2	2	2	8	4	10
NEW GUINEA	23	259	1	3	24	263
TERR. PAC. IS.	1	1	1	1	2	2
OTH. PAC. IS.	6	6	-	-	6	6
TOTAL	32	267	4	12	36	280
OTHER AFRICA						
BOTSWANA	3	4	-	-	3	4
ALGERIA	9	327	5	36	14	363
ANGOLA	16	12	6	5	22	17
BENIN	-	-	-	-	-	-
CAMEROON	-	-	2	19	2	19
CANARY ISLANDS	3	11	-	-	3	11
DAHOMEY	-	-	-	-	-	-
EGYPT	608	3184	31	3071	639	6254
ETHIOPIA	6	4	-	-	6	4
GABON	-	-	-	-	-	-
GHANA	39	65	9	32	48	97
GUINEA	4	447	-	-	4	447
KENYA	22	8	-	-	22	8
LIBERIA	6	102	1	4	7	105
LIBYA	18	341	1	13	19	355
MALAWI	-	-	-	-	-	-
MAURITANIA	-	-	-	-	-	-
MOROCCO	5	55	-	-	5	55
MOZAMBIQUE	-	-	-	-	-	-
NIGER	-	-	-	-	-	-
NIGERIA	145	188	15	1706	160	1895
RWANDA	-	-	-	-	-	-
SENEGAL	4	4	1	7	5	12
SIERRA LEONE	5	3	-	-	5	3
SOMALIA	4	6	-	-	4	6
S. W. AFRICA	1	8	-	-	1	8
SUDAN	-	-	14	81	14	81
SWAZILAND	-	-	-	-	-	-
TANZANIA	2	31	-	-	2	31
TUNISIA	-	-	-	-	-	-
ZIMBABWE	27	54	2	49	29	103
WEST AFRICA	-	-	-	-	-	-
ZAIRE	21	25	-	-	21	25
ZAMBIA	6	2	1	11	7	13
OTH WEST AFR.	1	2	-	-	1	2
IVORY COAST	-	-	1	14	1	14
MAURITIUS	1	2	-	-	1	2
TOGO	4	52	-	-	4	52
TOTAL	960	4933	89	5047	1049	9980

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
DECEMBER 1981

RELEASED: March 12, 1982

674:	METAL CUTTING	TOTAL UNITS	1981 $000	AUSTRIA UNITS	AUSTRIA $000	BELGIUM UNITS	BELGIUM $000	CZECHO. UNITS	CZECHO. $000
3025	Gear Hobbers	213	19366	-	-	-	-	5	126
3035	Gear Shapers	12	1846	-	-	-	-	-	-
3045	Gear Cutting Machines, N.E.C.	19	3942	-	-	1	135	1	15
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26'' or Less	1127	90723	-	-	-	-	-	-
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26''	121	16825	-	-	-	-	-	-
3209	Horizontal Machining Centers, ATC, NC	381	52634	-	-	-	-	-	-
3211	Machining Centers, NC, N.E.C.	378	35533	-	-	-	-	-	-
3212	Single Station and Multi-Station Transfer Machines	35	8259	-	-	-	-	-	-
3213	Way Type Machines (Unit Heads)	2	219	-	-	1	66	-	-
3217	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	20	5199	-	-	-	-	2	64
3218	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	-	-	-	-	-	-	-	-
3219	Vertical Boring-Drilling-Milling Machines,NC	23	3987	-	-	-	-	-	-
3222	Horiz. Boring-Drilling-Milling Machines,non-NC	211	22017	-	-	-	-	14	324
3223	Vertical Boring-Drilling-Milling Machines,non-NC	2224	18676	-	-	-	-	6	164
3228	Drilling Machines,NC	29	2016	-	-	-	-	-	-
3229	Drilling Machines, Multi-Spindle, non-NC	80	3923	-	-	-	-	-	-
3234	Drilling Machines, Radial, non-NC	1485	12095	-	-	-	-	11	121
3236	Drilling Machines, Upright, Single Spindle, non-NC	234	1439	-	-	-	-	-	-
3242	Drilling Machines, non-NC, N.E.C.	410	6967	-	-	-	-	1	7
3264	Milling Machines, NC	379	27406	1	112	-	-	1	9
3266	Milling Machines, Profiling, Dupl. & Die Sinking, non-NC	338	6181	-	-	-	-	-	-
3267	Milling Machines, Knee Type, non-NC	4041	30975	-	-	2	6	6	23
3268	Milling Machines, Bed Type, non-NC	626	16841	-	-	-	-	-	-
3269	Milling Machines, non-NC, N.E.C.	5050	43323	-	-	-	-	28	337
3276	Vertical Boring Machines, incl. VTL's, NC	33	5370	-	-	-	-	1	26
3277	Vertical Boring Machines, incl. VTL's, non-NC	322	10947	-	-	-	-	11	563
3281	Boring Machines, NC, N.E.C.	16	4414	-	-	-	-	-	-
3283	Boring Machines, non-NC, N.E.C.	309	16080	-	-	-	-	14	371
3507	Horizontal Lathes, NC, Less Than 25 HP	1934	122101	-	-	-	-	-	-
3509	Horizontal Lathes, NC, 25-50 HP	1307	120302	-	-	-	-	-	-
3511	Horizontal Lathes, NC, Over 50 HP	267	35554	-	-	12	959	-	-
3512	Horizontal Engine & Toolroom Lathes, non-NC	7786	74248	20	319	-	-	129	856
3513	Automatic Chucking Lathes, Single Spindle, non-NC	166	5773	-	-	-	-	-	-
3514	Automatic Chucking Lathes, Multi-Spindle, non-NC	129	7791	-	-	-	-	-	-
3515	Automatic Bar Machines, Single Spindle, non-NC	325	8290	-	-	-	-	1	3
3516	Automatic Bar Machines, Multi-Spindle, non-NC	120	11181	-	-	14	49	-	-
3518	Horizontal Lathes, non-NC, N.E.C.	1026	27637	-	-	2	268	1	4
3521	Vertical Lathes, excl. VTL's, NC	270	26398	-	-	-	-	-	-
3522	Vertical Lathes, excl. VTL's, non-NC	2115	40523	10	365	7	193	62	390
3527	Gear Tooth Grinding & Finishing Machines	123	11822	-	-	3	259	-	-
3528	Tool & Cutter Grinding Machines, NC	134	9029	-	-	-	-	-	-
3529	Tool & Cutter Grinding Machines, non-NC	1236	18167	-	-	3	33	9	28
3533	Honing & Lapping Machines	180	9476	-	-	-	-	-	-
3539	Grinding Machines, Flat Surface, NC	42	4272	-	-	-	-	-	-
3541	Grinding Machines, Flat Surface Reciprocating Table,non-NC	598	11596	-	-	-	-	2	10
3543	Grinding Machines, Flat Surface, non-NC, N.E.C.	1289	25570	-	-	-	-	1	7
3546	Grinding & Polishing Machines, NC, N.E.C.	33	3324	-	-	-	-	-	-
3554	External Grinding Machines, non-NC	619	25882	-	-	61	2985	25	300
3556	Internal Grinding Machines, non-NC	114	4877	-	-	-	-	-	-
3558	Grinding, Polishing & Buffing Machines, non-NC, N.E.C.	201	7109	-	-	-	-	16	110
3559	Grinding Machines, non-NC, N.E.C.	888	17853	-	-	4	105	3	23
3562	Traveling Wire Electrical Discharge Machines	418	18104	-	-	-	-	-	-
3564	All Other Electrical Discharge Machines	147	7567	-	-	-	-	-	-
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	130	5116	-	-	116	4041	-	-
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, non-NC	104	5313	-	-	4	23	-	-
3576	Metal Cutting Machine Tools, NC, N.E.C.	30	[illegible]	1	100	-	-	-	-
3577	Sawing & Cut-off Machines, non-NC	1232	13235	-	-	1	4	-	-
3578	Broaching Machines, non-NC	54	4437	-	-	-	-	-	-
3579	Metal Cutting Machine Tools, non-NC, N.E.C.	749	22379	5	307	14	205	-	-
4000	Metal Cutting Machine Tools, Used or Rebuilt*	5007	45922	3	31	165	1355	68	721
5000	Metal Cutting Machine Tools, Less Than $2500*	893490	70686	1861	766	90	85	14	22
	TOTAL CUTTING YTD	940381	1291478	1901	1999	500	10770	432	4625
674:	METAL FORMING								
1010	Die Casting Machines	150	4179	1	99	-	-	-	-
3582	Metal Forming Machine Tools, Used or Rebuilt	784	5524	-	-	8	83	3	40
3583	Metal Forming Machine Tools, Less Than $2500	18279	4514	3	4	8	13	2	1
3584	Punching & Shearing Machines, incl. Combination, NC	254	29835	-	-	1	384	-	-
3586	Shearing Machines, non-NC	720	11513	-	-	36	791	-	-
3587	Punching & Combination Punching & Shearing Machines, non-NC	669	9646	-	-	-	-	-	-
3588	Bending, Folding, Straightening & Flattening Machines, NC	40	2648	-	-	2	443	-	-
3589	Press Brakes, non-NC	432	7066	-	-	31	736	-	-
3591	Bending Rolls, Ram & Press Bending Machines, non-NC	213	5085	-	-	2	117	-	-
3592	Bending,Folding,Str. & Flattening Machines, non-NC, N.E.C.	912	15282	-	-	8	311	-	-
3593	Metal Forming Machine Tools, NC, N.E.C.	17	1930	-	-	-	-	-	-
3594	Mechanical Presses, non-NC	168	16164	-	-	8	500	-	-
3595	Hydraulic Presses, Vertical, Single Action, non-NC	79	4027	-	-	3	651	-	-
3596	Hydraulic & Pneumatic Presses, non-NC, N.E.C.	362	24140	-	-	10	1151	-	-
3597	Headers & Upsetters, non-NC	159	13941	-	-	1	190	-	-
3598	Forging Machines, non-NC, N.E.C.	37	1812	-	-	-	-	-	-
3599	Metal Forming Machine Tools, non-NC, N.E.C.	938	34077	-	-	37	2356	-	-
	TOTAL FORMING YTD	24213	191425	4	103	155	7724	5	41
	TOTAL ALL TYPES YTD	964594	1482903	1905	2102	655	18493	437	4667

Source: U.S. Department of Commerce, Census Report No. IM146; National Machine Tool Builders' Association.

NOTES: 1) a/Dollar amount less than $500; 2) N.E.C. - Not Elsewhere Classified; 3) Individual items may not add to totals due to rounding.
4) Machine tool imports, as reflected in the government statistics, are actually undervalued since they reflect values in the country of origin and do not include ocean freight, insurance, dealer's commission or import duties.
5) Beginning in January 1980, foreign trade data for die casting machines are included in the metal forming total. U.S. die casting imports are not available for previous years.

*Code 6744000 shown above represents combined data from codes 674:3015,3215,3226,3261,3272,3502,3524 & 3573.
Code 6745000 shown above represents combined data from codes 674:3227,3262,3273,3503,3526 & 3574.

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U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
DECEMBER 1981

	DENMARK		E. GERMANY		FRANCE		ITALY		NETHERLANDS		NORWAY		POLAND	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	-	-	12	674	-	-	-	-	-	-	-	-	-	-
3035	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	1	51	-	-	-	-	-	-
3212	-	-	-	-	1	206	3	787	-	-	-	-	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	1	417	-	-	-	-	-	-	-	-
3222	-	-	3	158	-	-	2	128	-	-	-	-	10	1354
3223	-	-	-	-	22	131	20	680	1	124	-	-	8	1292
3228	-	-	-	-	5	1143	-	-	-	-	-	-	-	-
3229	-	-	-	-	-	-	12	196	-	-	-	-	-	-
3234	-	-	-	-	1	7	68	746	-	-	-	-	36	517
3236	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3242	-	-	1	35	1	9	7	159	-	-	-	-	-	-
3264	-	-	-	-	15	883	3	188	2	106	-	-	-	-
3266	-	-	1	26	5	34	27	1922	1	3	-	-	-	-
3267	-	-	2	58	24	101	26	686	-	-	-	-	189	2599
3268	-	-	1	98	11	1882	7	281	-	-	-	-	-	-
3269	-	-	14	292	36	963	94	1976	6	419	-	-	-	-
3276	-	-	-	-	2	415	3	656	-	-	-	-	-	-
3277	1	14	2	14	8	90	34	2128	-	-	-	-	12	796
3281	-	-	1	134	-	-	-	-	-	-	-	-	-	-
3283	10	184	2	200	2	510	45	1221	-	-	-	-	-	-
3507	-	-	-	-	75	4077	19	1116	-	-	-	-	-	-
3509	-	-	-	-	41	2297	6	654	-	-	-	-	-	-
3511	-	-	-	-	1	162	7	327	1	121	-	-	-	-
3512	-	-	-	-	35	990	106	2520	4	106	-	-	478	8446
3513	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3514	-	-	-	-	2	36	-	-	-	-	-	-	-	-
3515	-	-	-	-	1	23	-	-	-	-	-	-	5	114
3516	-	-	-	-	-	-	2	233	-	-	-	-	-	-
3518	-	-	-	-	1	51	3	67	-	-	-	-	-	-
3521	-	-	-	-	3	1141	18	1971	-	-	-	-	-	-
3522	2	17	1	64	26	778	35	1160	-	-	-	-	6	134
3527	-	-	9	508	-	-	-	-	1	16	-	-	-	-
3528	4	23	-	-	1	91	7	254	-	-	-	-	-	-
3529	23	131	-	-	11	278	22	695	12	211	-	-	-	-
3533	-	-	-	-	3	84	-	-	-	-	-	-	-	-
3539	6	105	-	-	2	153	2	192	-	-	-	-	-	-
3541	23	427	-	-	1	39	3	70	-	-	-	-	-	-
3543	2	36	1	41	2	197	138	1947	3	31	-	-	9	73
3546	-	-	-	-	-	-	-	-	8	149	-	-	-	-
3554	3	16	-	-	-	-	69	1610	30	1282	-	-	1	41
3556	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3558	3	74	-	-	1	38	-	-	1	18	-	-	-	-
3559	15	95	3	12	10	56	127	2399	16	213	1	11	18	178
3562	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3564	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	1	14	-	-	-	-	-	-
3571	-	-	-	-	3	20	2	49	-	-	-	-	-	-
3576	-	-	1	52	-	-	1	65	-	-	-	-	-	-
3577	2	24	-	-	13	492	99	982	-	-	1	48	-	-
3578	-	-	-	-	-	-	2	64	-	-	-	-	-	-
3579	-	-	1	11	13	388	91	850	10	91	-	-	-	-
4000	2	19	73	540	213	2048	126	935	64	857	-	-	21	197
5000	736	187	9	5	2423	765	5770	1574	613	518	17	4	274	53
CUTTING YTD	832	1312	137	2881	3015	20593	7008	31550	773	4264	19	63	1067	15793
1010	-	-	-	-	1	101	24	239	- -	-	-	-	-	-
3582	7	672	2	11	10	57	61	579	5	21	4	16	1	1
3583	46	84	-	-	625	141	716	120	6	2	8	7	-	-
3584	-	-	-	-	3	492	2	150	-	-	-	-	-	-
3586	32	250	-	-	24	363	42	411	5	99	-	-	-	-
3587	3	39	-	-	-	-	70	509	-	-	-	-	-	-
3588	-	-	-	-	2	322	6	718	-	-	-	-	-	-
3589	12	184	-	-	3	102	2	29	2	42	-	-	-	-
3591	5	92	1	11	-	-	54	750	1	15	-	-	-	-
3592	3	58	-	-	25	756	264	3030	1	20	1	36	-	-
3593	-	-	-	-	1	59	4	289	-	-	-	-	-	-
3594	-	-	-	-	2	111	5	74	-	-	-	-	-	-
3595	1	7	-	-	-	-	27	205	-	-	-	-	-	-
3596	2	183	-	-	4	84	24	959	2	202	-	-	-	-
3597	-	-	-	-	-	-	16	975	-	-	-	-	-	-
3598	-	-	-	-	-	-	1	18	-	-	-	-	-	-
3599	-	-	-	-	32	3282	112	2285	14	230	14	662	1	8
FORMING YTD	111	1569	3	22	732	5870	1430	11340	36	633	27	721	2	9
ALL TYPES YTD	943	2880	140	2903	3747	26462	8438	42890	809	4897	46	784	1069	15802

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
DECEMBER 1981

	PORTUGAL		SPAIN		SWEDEN		SWITZERLAND		U. KINGDOM		W. GERMANY		YUGOSLAVIA	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	-	-	-	-	-	-	10	288	23	1777	104	13400	-	-
3035	-	-	-	-	-	-	1	17	5	405	6	1423	-	-
3045	-	-	-	-	-	-	3	716	5	956	7	2096	-	-
3204	-	-	-	-	-	-	1	321	-	-	9	373	-	-
3206	-	-	-	-	-	-	1	553	2	128	1	67	-	-
3209	-	-	-	-	-	-	6	3495	1	26	13	2043	5	960
3211	-	-	-	-	-	-	1	180	2	212	6	1891	-	-
3212	-	-	-	-	-	-	13	2115	-	-	9	1477	-	-
3213	-	-	-	-	-	-	-	-	-	-	1	153	-	-
3217	-	-	3	328	-	-	-	-	6	2009	4	1103	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	-	-	1	50	2	605	11	1467	-	-
3222	-	-	13	966	1	30	1	14	18	3025	3	68	4	741
3223	-	-	37	196	5	83	32	5669	25	1574	62	2134	-	-
3228	-	-	2	35	-	-	1	190	-	-	1	110	-	-
3229	-	-	12	150	-	-	8	113	10	514	8	302	-	-
3234	72	420	75	645	17	79	-	-	20	300	16	214	-	-
3236	-	-	45	146	37	224	3	270	20	243	42	192	-	-
3242	10	58	138	727	3	26	15	648	26	302	24	1468	1	139
3264	-	-	28	598	6	490	3	285	109	6496	23	1369	-	-
3266	-	-	-	-	3	162	6	554	15	236	55	1527	-	-
3267	-	-	1770	8893	25	537	-	-	391	4071	52	835	-	-
3268	-	-	9	222	38	1363	1	34	22	1039	15	1541	-	-
3269	-	-	233	2580	40	1673	47	2305	129	5792	68	4767	4	17
3276	-	-	1	97	-	-	-	-	3	662	2	1016	1	63
3277	-	-	13	63	4	25	15	859	24	1595	20	1354	2	270
3281	-	-	-	-	-	-	-	-	6	1072	1	1242	-	-
3283	-	-	7	605	-	-	8	741	73	5346	29	1185	-	-
3507	-	-	-	-	-	-	2	127	5	484	50	4327	-	-
3509	-	-	-	-	18	1977	4	496	2	327	20	1993	-	-
3511	-	-	-	-	43	6455	-	-	4	545	20	3736	-	-
3512	-	-	184	2534	6	87	6	40	1107	9298	91	1020	134	1540
3513	-	-	-	-	-	-	-	-	20	571	13	1862	-	-
3514	-	-	-	-	-	-	7	124	57	815	33	5908	-	-
3515	-	-	-	-	-	-	60	1943	34	500	97	1932	-	-
3516	-	-	-	-	-	-	14	952	65	8220	3	576	-	-
3518	-	-	6	65	-	-	44	2224	42	2215	37	2358	66	628
3521	-	-	-	-	14	1576	-	-	9	1064	19	3389	-	-
3522	-	-	41	808	4	21	25	3113	155	3609	72	5119	99	1120
3527	-	-	-	-	-	-	39	6401	21	1031	37	3083	-	-
3528	-	-	-	-	-	-	5	145	3	272	26	2441	-	-
3529	2	8	20	70	7	96	133	3334	313	5028	311	5446	-	-
3533	-	-	2	42	-	-	13	1148	98	1659	49	6271	-	-
3539	-	-	-	-	1	290	2	197	5	1467	7	1061	-	-
3541	-	-	5	30	1	22	7	330	7	84	56	3138	-	-
3543	-	-	46	183	3	154	38	1302	133	5147	144	5089	13	608
3546	-	-	-	-	6	879	2	186	2	328	6	1006	-	-
3554	-	-	9	330	8	1043	78	5613	120	5202	49	2873	-	-
3556	-	-	3	178	-	-	3	186	6	1596	16	585	-	-
3558	-	-	6	330	1	4	26	2121	14	645	67	1618	-	-
3559	-	-	12	175	8	52	55	2878	134	2298	131	3288	13	255
3562	-	-	-	-	-	-	119	6386	-	-	-	-	-	-
3564	-	-	3	60	-	-	64	1908	9	1280	7	467	-	-
3567	-	-	-	-	3	57	-	-	9	939	-	-	-	-
3571	-	-	-	-	3	46	5	58	12	292	34	3991	-	-
3576	-	-	1	30	5	80	5	281	2	205	6	1319	-	-
3577	-	-	17	137	2	38	20	248	144	776	433	4909	-	-
3578	-	-	-	-	-	-	1	21	22	2647	20	1626	6	58
3579	-	-	12	212	27	546	63	2081	153	2276	119	9535	-	-
4000	-	-	17	113	84	685	220	1877	2560	19504	861	10916	1	1
5000	161	240	468	344	1271	1142	1896	269	3737	1800	11684	2675	-	-
CUTTING YTD	245	727	3238	21890	1694	19938	3133	65406	9941	120506	15110	148371	349	6399
1010	-	-	-	-	-	-	-	-	31	361	7	452	-	-
3582	-	-	14	42	9	44	18	490	462	2110	101	1032	-	-
3583	-	-	135	118	218	249	669	199	1207	590	2757	649	-	-
3584	-	-	-	-	-	-	51	5366	2	1643	33	5495	-	-
3586	-	-	4	22	6	129	3	111	126	1459	70	1319	-	-
3587	-	-	30	241	41	837	28	949	5	99	302	3748	-	-
3588	-	-	-	-	-	-	-	-	3	202	11	201	-	-
3589	-	-	7	58	12	534	-	-	10	136	3	99	-	-
3591	-	-	1	21	106	2721	-	-	24	849	12	303	-	-
3592	10	70	3	110	25	428	15	611	56	1872	146	3066	-	-
3593	-	-	-	-	-	-	1	116	-	-	2	454	-	-
3594	-	-	1	15	1	5	6	643	16	806	14	3210	-	-
3595	-	-	1	435	3	1121	2	276	6	184	14	512	-	-
3596	-	-	8	564	12	1996	14	2138	23	868	55	3935	-	-
3597	-	-	-	-	-	-	-	-	4	593	50	7938	-	-
3598	-	-	-	-	-	-	6	74	6	888	12	453	-	-
3599	-	-	22	752	19	275	65	2044	104	2945	217	11103	-	-
FORMING YTD	10	70	226	2378	452	8339	878	13016	2085	15606	3806	43968	-	-
ALL TYPES YTD	255	797	3464	24268	2146	28277	4011	78422	12026	136111	18916	192339	349	6399

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U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
DECEMBER 1981

674	CANADA UNITS	CANADA $000	INDIA UNITS	INDIA $000	JAPAN UNITS	JAPAN $000	TAIWAN UNITS	TAIWAN $000	AUSTRALIA UNITS	AUSTRALIA $000	ALL OTHERS UNITS	ALL OTHERS $000
3025	-	-	-	-	14	1299	-	-	-	-	45	1806
3035	-	-	-	-	-	-	-	-	-	-	-	-
3045	1	8	-	-	1	17	-	-	-	-	-	-
3204	-	-	-	-	1116	89933	-	-	-	-	1	71
3206	-	-	-	-	117	16077	-	-	-	-	-	-
3209	-	-	-	-	352	45294	-	-	-	-	4	814
3211	-	-	1	101	359	32519	6	465	-	-	2	136
3212	5	3451	-	-	3	185	-	-	-	-	1	39
3213	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	5	1604	-	-	-	-	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-
3219	1	50	-	-	6	998	-	-	-	-	1	400
3222	1	20	-	-	93	9801	1	59	-	-	97	5210
3223	10	230	-	-	144	3613	1825	1159	-	-	27	1627
3228	-	-	-	-	19	518	-	-	-	-	1	20
3229	5	2462	-	-	1	86	17	66	-	-	3	51
3234	1	7	3	31	905	5674	528	2389	-	-	132	946
3236	12	82	-	-	37	174	37	104	-	-	1	4
3242	8	96	-	-	30	2112	90	684	-	-	55	497
3264	-	-	-	-	131	16303	50	288	-	-	7	278
3266	2	61	-	-	7	858	144	500	-	-	70	303
3267	573	7262	-	-	140	2073	729	2138	-	-	112	993
3268	1	51	-	-	323	7394	190	850	-	-	8	123
3269	15	363	2	110	273	6883	2901	13587	-	-	160	1259
3276	-	-	-	-	20	2936	-	-	-	-	-	-
3277	2	32	2	23	17	1368	106	400	-	-	49	1354
3281	-	-	-	-	8	1067	-	-	-	-	-	-
3283	14	1966	-	-	47	2441	52	193	-	-	6	197
3507	-	-	-	-	1666	119965	34	506	-	-	83	2499
3509	-	-	-	-	1212	112335	1	30	-	-	3	195
3511	-	-	-	-	177	23154	2	95	-	-	-	-
3512	121	1687	25	290	359	7477	2636	17054	-	-	2345	20381
3513	-	-	-	-	85	2970	46	805	-	-	2	95
3514	-	-	-	-	14	739	16	170	-	-	-	-
3515	-	-	-	-	111	2558	4	20	-	-	12	198
3516	-	-	-	-	12	1060	10	52	-	-	-	-
3518	2	15	86	261	428	16272	388	2174	-	-	120	1036
3521	27	2150	-	-	156	14138	18	720	-	-	6	248
3522	17	331	17	198	237	13342	708	2799	-	-	591	6093
3527	-	-	-	-	11	261	-	-	-	-	2	263
3528	13	646	-	-	75	5158	-	-	-	-	-	-
3529	9	50	-	-	111	1538	197	779	-	-	53	448
3533	-	-	-	-	7	185	-	-	-	-	8	77
3539	1	19	-	-	14	713	2	76	-	-	-	-
3541	1	19	-	-	212	3871	27	195	-	-	253	3601
3543	6	55	-	-	300	7962	159	1230	-	-	101	1489
3546	-	-	-	-	1	777	-	-	-	-	-	-
3554	-	-	2	70	84	3834	27	406	-	-	23	379
3556	-	-	-	-	75	2257	11	74	-	-	-	-
3558	1	12	-	-	43	1908	21	144	-	-	1	29
3559	42	1656	1	48	86	2079	189	957	1	5	19	173
3562	-	-	-	-	299	11718	-	-	-	-	-	-
3564	2	6	-	-	59	3821	3	26	-	-	-	-
3567	-	-	-	-	1	64	-	-	-	-	-	-
3571	11	305	-	-	22	454	6	27	-	-	2	50
3576	-	-	-	-	8	304	-	-	-	-	-	-
3577	7	48	-	-	306	4678	156	641	-	-	31	211
3578	-	-	-	-	-	-	3	20	-	-	-	-
3579	54	2047	13	238	143	3294	25	95	-	-	6	210
4000	156	2192	-	-	187	3166	126	89	3	68	57	979
5000	2709	816	110	86	81376	9802	763270	48473	-	-	15001	1264
CUTTING YTD	3830	28194	262	1446	91547	627417	775893	101979	4	72	19451	55538
1010	56	1745	-	-	30	1182	-	-	-	-	-	-
3582	59	206	-	-	16	110	1	1	-	-	3	9
3583	3023	468	107	30	4662	1371	3881	296	12	13	384	160
3584	-	-	-	-	162	16305	-	-	-	-	-	-
3586	33	1082	2	10	272	4553	9	49	-	-	56	865
3587	30	672	-	-	157	2492	-	-	-	-	3	60
3588	11	382	-	-	5	380	-	-	-	-	-	-
3589	94	1964	-	-	223	2430	-	-	-	-	33	752
3591	4	145	2	58	-	-	-	-	-	-	1	4
3592	237	2192	1	3	114	2550	-	-	-	-	3	171
3593	-	-	-	-	9	1013	-	-	-	-	-	-
3594	33	984	4	22	77	9771	-	-	-	-	1	23
3595	10	153	-	-	8	132	1	12	-	-	3	339
3596	49	876	-	-	134	10677	-	-	-	-	25	506
3597	1	14	-	-	85	4198	-	-	-	-	2	33
3598	4	138	1	17	7	224	-	-	-	-	-	-
3599	192	4790	-	-	95	2600	2	464	-	-	12	192
FORMING YTD	3836	15810	117	139	6056	60078	3704	822	12	13	526	3114
ALL TYPES YTD	7666	44004	379	1586	97603	687495	779597	102801	16	85	19977	58652

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
Total and Countries of Origin

The following is a breakdown of the activity by country which is included in the ALL OTHER column on page 4.

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
EUROPE						
AZORES	-	-	-	-	-	-
BULGARIA	193	935	-	-	193	935
CYPRUS	-	-	-	-	-	-
FINLAND	224	61	30	8	254	68
GREECE	20	88	-	-	20	88
HUNGARY	12407	1476	8	45	12415	1521
ICELAND	-	-	-	-	-	-
IRELAND	5	41	1	8	6	49
ROMANIA	472	8747	1	15	473	8762
USSR	13	272	-	-	13	272
GIBRALTAR	-	-	-	-	-	-
MALTA	1	6	-	-	1	6
TOTAL	13335	11625	40	75	13375	11701
OTHER N.AC.AM						
BAHAMAS	-	-	-	-	-	-
BARBADOS	-	-	-	-	-	-
BELIZE	-	-	-	-	-	-
BERMUDA	-	-	-	-	-	-
CAYMAN	-	-	-	-	-	-
COSTA RICA	-	-	-	-	-	-
DOMINICAN REP.	-	-	-	-	-	-
FR. W. INDIES	-	-	-	-	-	-
GUATEMALA	-	-	-	-	-	-
HAITI	8	1	-	-	8	1
HONDURAS	-	-	-	-	-	-
JAMAICA	-	-	-	-	-	-
LW & WW IS.	-	-	-	-	-	-
MEXICO	98	133	23	737	121	870
NICARAGUA	-	-	-	-	-	-
N. ANTILLES	-	-	-	-	-	-
PANAMA	-	-	-	-	-	-
SALVADOR	1	2	1	1	2	2
TRINIDAD	-	-	-	-	-	-
TOTAL	107	135	24	738	131	873
OTHER S. AMER						
ARGENTINA	743	496	2	1	745	497
BOLIVIA	-	-	-	-	-	-
BRAZIL	390	9826	43	121	433	9947
CHILE	-	-	-	-	-	-
COLOMBIA	-	-	1	3	1	3
ECUADOR	-	-	-	-	-	-
FRENCH GUIANA	-	-	-	-	-	-
GUYANA	-	-	-	-	-	-
PARAGUAY	-	-	-	-	-	-
PERU	1	26	-	-	1	26
SURINAM	-	-	-	-	-	-
URUGUAY	-	-	-	-	-	-
VENEZUELA	-	-	-	-	-	-
TOTAL	1134	10348	46	124	1180	10473
OTHER ASIA						
AFGHANISTAN	-	-	-	-	-	-
ADEN	-	-	-	-	-	-
ARAB EMIRATES	-	-	-	-	-	-
BAHRAIN	-	-	-	-	-	-
BANGLADASH	1	71	-	-	1	71
BRUNEI	-	-	-	-	-	-
BUTAN	-	-	-	-	-	-
CHINA	846	3822	-	-	846	3822
GAZA STRIP	-	-	1	4	1	4
HONG KONG	1010	372	2	6	1012	378
INDONESIA	-	-	-	-	-	-
IRAN	-	-	-	-	-	-
IRAQ	-	-	-	-	-	-
ISRAEL	112	601	96	1808	208	2409
JORDAN	-	-	-	-	-	-
KOREAN REP.	1583	14489	264	75	1847	14564
KUWAIT	-	-	-	-	-	-
LEBANON	4	40	-	-	4	40
MALAYSIA	2	4	-	-	2	4
NEPAL	-	-	-	-	-	-
OMAN	-	-	-	-	-	-
PAKISTAN	-	-	-	-	-	-
PHILLIPINES	-	-	-	-	-	-
QATAR	-	-	-	-	-	-
SAUDI ARABIA	-	-	-	-	-	-
SINGAPORE	1267	14008	42	41	1309	14050
SRI LANKA	-	-	-	-	-	-
SYRIA	-	-	1	1	1	1
THAILAND	-	-	-	-	-	-
TURKEY	-	-	-	-	-	-
YEMEN	-	-	-	-	-	-
TOTAL	4827	33408	406	1936	5233	35343

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER OCEANIA						
FR. PAC. IS.	-	-	-	-	-	-
NEW GUINEA	-	-	-	-	-	-
NEW ZEALAND	-	-	4	224	4	224
TERR. PAC. IS.	-	-	-	-	-	-
OTH. PAC. IS.	-	-	-	-	-	-
TOTAL	-	-	4	224	4	224
OTHER AFRICA						
BOTSWANA	-	-	-	-	-	-
ALGERIA	1	1	-	-	1	1
ANGOLA	-	-	-	-	-	-
BENIN	-	-	-	-	-	-
CAMEROON	-	-	-	-	-	-
CANARY ISLANDS	-	-	-	-	-	-
DAHOMEY	-	-	-	-	-	-
EGYPT	-	-	-	-	-	-
ETHIOPIA	-	-	-	-	-	-
GABON	-	-	-	-	-	-
GHANA	-	-	-	-	-	-
GUINEA	-	-	-	-	-	-
KENYA	-	-	-	-	-	-
LIBERIA	-	-	-	-	-	-
LIBYA	-	-	-	-	-	-
MALAWI	-	-	-	-	-	-
MAURITANIA	-	-	-	-	-	-
MOROCCO	-	-	-	-	-	-
MOZAMBIQUE	-	-	-	-	-	-
NIGER	-	-	-	-	-	-
NIGERIA	-	-	-	-	-	-
REP. S. AFRICA	46	7	5	15	51	22
RWANDA	-	-	-	-	-	-
SENEGAL	-	-	-	-	-	-
SIERRA LEONE	-	-	-	-	-	-
SOMALIA	-	-	-	-	-	-
S. W. AFRICA	-	-	-	-	-	-
SUDAN	-	-	-	-	-	-
SWAZILAND	-	-	-	-	-	-
TANZANIA	-	-	-	-	-	-
TUNISIA	-	-	-	-	-	-
ZIMBABWE	-	-	1	2	1	2
WEST AFRICA	-	-	-	-	-	-
ZAIRE	-	-	-	-	-	-
TOTAL	47	8	6	17	53	25

statistical

REPORT
July 14, 1982

J.S. FOREIGN TRADE IN MACHINE TOOLS
FIRST QUARTER 1982

During the first quarter of 1982, U.S. foreign trade in machine tools produced a trade deficit of $165.6 million. This is a 58% increase over the first quarter 1981 deficit of $104.7 million, and represents a 2% decrease from the $169.8 million deficit recorded in the fourth quarter of 1981. Trade in metal cutting machines showed a deficit of $186.9 million, while metal forming trade produced a surplus of $21.3 million. Compared to the fourth quarter of 1981, machine tool exports declined 8% while imports of machine tools fell 6%.

FIRST QUARTER 1982 ($Mil.)

1st Qtr. 1982	Exports	Imports	Surplus (Deficit)
Metal Cutting	$124.1	$311.0	($186.9)
Metal Forming	$ 68.0	$ 46.7	$ 21.3
Total	$192.1	$357.7	($165.6)

EXPORTS

U.S. exports of both metal cutting and metal forming machine tools during the first quarter of 1982 totaled $124,092,000 and $67,961,000 respectively. These totals are slightly below their fourth quarter 1981 levels and, compared to the first quarter last year, they represent a 35% decrease in metal cutting exports and a 14% decline in metal forming exports.

During the first quarter of 1982, exports to eight countries accounted for 69% of total U.S. exports. The leading markets were (in millions): Mexico ($47.3), Canada ($30.4), Japan ($19.5), the United Kingdom ($12.4), Singapore ($6.6), West Germany ($5.6), France ($5.5) and Finland ($5.2).

national machine tool builders' association
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IMPORTS

First quarter 1982 imports of metal cutting machine tools were down 4% from the first quarter of 1981, to a total of $310,973,000. Metal forming imports of $46,750,000 were 9% below the comparable quarter last year. Compared to the fourth quarter of 1981, U.S. imports of metal cutting machine tools fell 5% and metal forming imports have dropped 7%.

Leading exporters of machine tools to the U.S. during the first quarter of 1982 were (in millions): Japan ($162.9), West Germany ($50.9), the United Kingdom ($32.4), Taiwan ($26.5) and Switzerland ($19.9). Machinery from these five countries represented 82% of the import first quarter total.

* * *

674:	METAL CUTTING	TOTAL UNITS	QTR. $000	AUSTRIA UNITS	AUSTRIA $000	BELGIUM UNITS	BELGIUM $000	CZECHO. UNITS	CZECHO. $000
3025	Gear Hobbers	40	4806	-	-	-	-	-	-
3035	Gear Shapers	8	336	-	-	-	-	-	-
3045	Gear Cutting Machines, N.E.C.	5	653	-	-	-	-	-	-
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26'' or Less	269	21775	-	-	-	-	-	-
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26''	41	5610	-	-	-	-	-	-
3209	Horizontal Machining Centers, ATC, NC	95	12850	-	-	-	-	-	-
3211	Machining Centers, NC, N.E.C.	125	13256	-	-	-	-	-	-
3212	Single Station and Multi-Station Transfer Machines	15	2244	-	-	-	-	-	-
3213	Way Type Machines (Unit Heads)	-	-	-	-	-	-	-	-
3217	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	7	1705	-	-	-	-	-	-
3218	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	-	-	-	-	-	-	-	-
3219	Vertical Boring-Drilling-Milling Machines,NC	26	3988	-	-	-	-	3	110
3222	Horiz. Boring-Drilling-Milling Machines,non-NC	50	5700	-	-	-	-	-	-
3223	Vertical Boring-Drilling-Milling Machines,non-NC	1133	4377	-	-	-	-	-	-
3228	Drilling Machines,NC	-	-	-	-	-	-	-	-
3229	Drilling Machines, Multi-Spindle, non-NC	34	643	1	12	-	-	-	-
3234	Drilling Machines, Radial, non-NC	309	2431	-	-	-	-	2	28
3236	Drilling Machines, Upright, Single Spindle, non-NC	38	191	-	-	-	-	-	-
3242	Drilling Machines, non-NC, N.E.C.	47	2778	-	-	-	-	1	13
3264	Milling Machines, NC	39	6082	-	-	-	-	-	-
3266	Milling Machines, Profiling, Dupl. & Die Sinking, non-NC	81	2137	-	-	-	-	-	-
3267	Milling Machines, Knee Type, non-NC	671	7133	-	-	-	-	4	27
3268	Milling Machines, Bed Type, non-NC	55	2666	-	-	-	-	-	-
3269	Milling Machines, non-NC, N.E.C.	1004	7649	-	-	-	-	3	61
3276	Vertical Boring Machines, incl. VTL's, NC	12	2533	-	-	-	-	-	-
3277	Vertical Boring Machines, incl. VTL's, non-NC	57	3592	-	-	1	7	1	19
3281	Boring Machines, NC, N.E.C.	4	766	-	-	-	-	-	-
3283	Boring Machines, non-NC, N.E.C.	45	4949	-	-	-	-	-	-
3507	Horizontal Lathes, NC, Less Than 25 HP	468	30011	-	-	-	-	-	-
3509	Horizontal Lathes, NC, 25-50 HP	228	21030	-	-	-	-	-	-
3511	Horizontal Lathes, NC, Over 50 HP	67	11395	-	-	-	-	-	-
3512	Horizontal Engine & Toolroom Lathes, non-NC	1812	20173	5	80	1	6	18	342
3513	Automatic Chucking Lathes, Single Spindle, non-NC	34	763	-	-	-	-	-	-
3514	Automatic Chucking Lathes, Multi-Spindle, non-NC	63	1879	-	-	-	-	-	-
3515	Automatic Bar Machines, Single Spindle, non-NC	61	2703	-	-	2	222	-	-
3516	Automatic Bar Machines, Multi-Spindle, non-NC	31	1515	-	-	-	-	-	-
3518	Horizontal Lathes, non-NC, N.E.C.	234	6567	-	-	2	160	-	-
3521	Vertical Lathes, excl. VTL's, NC	81	8494	-	-	-	-	-	-
3522	Vertical Lathes, excl. VTL's, non-NC	435	7518	6	29	-	-	6	57
3527	Gear Tooth Grinding & Finishing Machines	30	1685	-	-	-	-	-	-
3528	Tool & Cutter Grinding Machines, NC	9	632	-	-	-	-	-	-
3529	Tool & Cutter Grinding Machines, non-NC	286	5036	-	-	-	-	-	-
3533	Honing & Lapping Machines	58	2357	-	-	-	-	-	-
3539	Grinding Machines, Flat Surface, NC	7	931	-	-	-	-	-	-
3541	Grinding Machines, Flat Surface Reciprocating Table,non-NC	284	4018	-	-	-	-	2	28
3543	Grinding Machines, Flat Surface, non-NC, N.E.C.	343	4779	2	78	-	-	-	-
3546	Grinding & Polishing Machines, NC, N.E.C.	7	628	-	-	-	-	-	-
3554	External Grinding Machines, non-NC	106	3433	1	87	-	-	1	19
3556	Internal Grinding Machines, non-NC	44	1187	-	-	-	-	-	-
3558	Grinding, Polishing & Buffing Machines, non-NC, N.E.C.	98	1334	-	-	-	-	2	14
3559	Grinding Machines, non-NC, N.E.C.	197	4088	1	51	-	-	1	10
3562	Traveling Wire Electrical Discharge Machines	82	5138	-	-	-	-	-	-
3564	All Other Electrical Discharge Machines	29	912	-	-	-	-	-	-
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	7	501	-	-	-	-	-	-
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, non-NC	23	458	-	-	-	-	-	-
3576	Metal Cutting Machine Tools, NC, N.E.C.	13	562	1	93	-	-	-	-
3577	Sawing & Cut-off Machines, non-NC	274	4033	-	-	-	-	-	-
3578	Broaching Machines, non-NC	10	780	-	-	-	-	-	-
3579	Metal Cutting Machine Tools, non-NC, N.E.C.	134	5235	-	-	-	-	-	-
4000	Metal Cutting Machine Tools, Used or Rebuilt*	3982	10598	-	-	37	187	17	81
5000	Metal Cutting Machine Tools, Less Than $2500*	267987	18649	504	211	19	10	1	1
	TOTAL CUTTING YTD	281714	310973	821	601	62	551	62	820
674:	METAL FORMING								
1010	Die Casting Machines	36	1888	-	-	-	-	-	-
3582	Metal Forming Machine Tools, Used or Rebuilt	126	848	-	-	2	31	-	-
3583	Metal Forming Machine Tools, Less Than $2500	11078	1858	-	-	-	-	-	-
3584	Punching & Shearing Machines, incl. Combination, NC	60	6893	-	-	-	-	-	-
3586	Shearing Machines, non-NC	125	1885	-	-	4	50	-	-
3587	Punching & Combination Punching & Shearing Machines, non-NC	121	1343	-	-	-	-	-	-
3588	Bending, Folding, Straightening & Flattening Machines, NC	10	1243	-	-	-	-	-	-
3589	Press Brakes, non-NC	97	2020	-	-	6	223	-	-
3591	Bending Rolls, Ram & Press Bending Machines, non-NC	25	473	-	-	-	-	-	-
3592	Bending,Folding,Str. & Flattening Machines, non-NC, N.E.C.	178	4571	-	-	-	-	-	-
3593	Metal Forming Machine Tools, NC, N.E.C.	5	387	-	-	-	-	-	-
3594	Mechanical Presses, non-NC	35	1390	-	-	-	-	-	-
3595	Hydraulic Presses, Vertical, Single Action, non-NC	23	682	-	-	-	-	-	-
3596	Hydraulic & Pneumatic Presses, non-NC, N.E.C.	69	3954	-	-	-	-	-	-
3597	Headers & Upsetters, non-NC	42	2188	-	-	-	-	-	-
3598	Forging Machines, non-NC, N.E.C.	15	8710	-	-	-	-	-	-
3599	Metal Forming Machine Tools, non-NC, N.E.C.	170	10373	-	-	2	64	-	-
	TOTAL FORMING YTD	12215	46750	-	-	14	367	-	-
	TOTAL ALL TYPES YTD	293929	357723	821	601	76	919	62	820

Source: U.S. Department of Commerce, Census Report No. IM146; National Machine Tool Builders' Association.

NOTES: 1) a/Dollar amount less than $500; 2) N.E.C. - Not Elsewhere Classified; 3) Individual items may not add to totals due to rounding.
4) Machine tool imports, as reflected in the government statistics, are actually undervalued since they reflect values in the country of origin and do not include ocean freight, insurance, dealer's commission or import duties.
5) Beginning in January 1980, foreign trade data for die casting machines are included in the metal forming total. U.S. die casting imports are not available for previous years.
*Code 6744000 shown above represents combined data from codes 674:3015,3215,3226,3261,3272,3502,3524 & 3573.
Code 6745000 shown above represents combined data from codes 674:3227,3262,3273,3503,3526 & 3574.

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
MARCH 1982

674	DENMARK UNITS	$000	E. GERMANY UNITS	$000	FRANCE UNITS	$000	ITALY UNITS	$000	NETHERLANDS UNITS	$000	NORWAY UNITS	$000	POLAND UNITS	$000
3025	-	-	2	77	-	-	-	-	-	-	-	-	-	-
3035	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3085	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	1	188	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	5	624	-	-	-	-	-	-
3212	-	-	-	-	-	-	1	279	-	-	-	-	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	-	-	1	204	-	-	-	-	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3222	-	-	-	-	-	-	2	115	-	-	-	-	-	-
3223	-	-	-	-	-	-	6	83	-	-	-	-	7	675
3228	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3229	-	-	-	-	-	-	32	133	-	-	-	-	-	-
3234	-	-	1	9	1	3	9	146	-	-	-	-	9	91
3236	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3242	-	-	-	-	-	-	3	71	-	-	-	-	-	-
3264	-	-	-	-	-	-	1	38	-	-	-	-	-	-
3266	-	-	-	-	-	-	3	320	-	-	-	-	-	-
3267	-	-	-	-	3	88	-	-	-	-	-	-	1	15
3268	-	-	-	-	1	103	2	78	-	-	-	-	-	-
3269	2	33	4	74	8	308	65	1277	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	11	191	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	2	32	1	11	1	3	13	115	-	-	-	-	-	-
3507	-	-	-	-	24	1190	1	71	-	-	-	-	-	-
3509	-	-	-	-	6	408	4	248	-	-	-	-	-	-
3511	-	-	-	-	-	-	2	950	-	-	-	-	-	-
3512	-	-	-	-	7	209	61	1521	-	-	-	-	18	477
3513	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3514	-	-	-	-	6	98	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	2	1015	-	-	-	-	2	87
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	11	137	-	-	-	-	-	-	-	-
3521	-	-	-	-	-	-	1	468	-	-	-	-	-	-
3522	-	-	-	-	1	69	7	80	-	-	-	-	3	107
3527	-	-	1	26	-	-	1	62	-	-	-	-	-	-
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	1	5	-	-	-	-	14	145	2	125	-	-	-	-
3533	-	-	-	-	-	-	-	-	1	37	-	-	-	-
3539	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	8	61
3543	-	-	-	-	-	-	43	629	2	6	-	-	-	-
3546	-	-	-	-	-	-	1	46	-	-	-	-	-	-
3554	-	-	2	53	-	-	12	435	1	5	-	-	-	-
3556	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3558	2	63	-	-	-	-	1	23	-	-	-	-	-	-
3559	-	-	-	-	5	93	11	263	3	53	-	-	-	-
3562	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3564	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3571	3	8	-	-	1	5	-	-	-	-	-	-	-	-
3576	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3577	-	-	-	-	5	124	4	56	1	18	-	-	-	-
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3579	1	3	1	74	3	19	9	64	-	-	1	4	-	-
4000	-	-	14	83	21	189	9	125	47	308	-	-	5	138
5000	92	68	-	-	668	149	6148	660	115	41	1	a/	1	2
CUT YTD	103	211	26	406	772	3194	6486	10694	172	593	2	5	54	1653
1010	-	-	-	-	-	-	1	22	-	-	-	-	-	-
3582	-	-	-	-	-	-	1	8	12	33	-	-	-	-
3583	1	2	-	-	600	122	225	171	1	1	-	-	-	-
3584	-	-	-	-	-	-	1	118	-	-	-	-	-	-
3586	2	25	-	-	4	79	14	78	-	-	-	-	-	-
3587	-	-	-	-	-	-	23	153	-	-	-	-	-	-
3588	-	-	-	-	-	-	3	240	-	-	-	-	-	-
3589	4	47	-	-	1	13	1	126	-	-	-	-	-	-
3591	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3592	1	99	-	-	12	1581	63	596	-	-	-	-	-	-
3593	-	-	-	-	-	-	2	29	-	-	1	50	-	-
3594	-	-	-	-	-	-	10	96	-	-	-	-	-	-
3595	-	-	-	-	2	26	4	58	-	-	-	-	-	-
3596	1	31	-	-	1	46	3	28	-	-	-	-	-	-
3597	-	-	-	-	-	-	3	160	-	-	-	-	-	-
3598	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3599	8	35	-	-	6	454	20	303	3	151	4	215	-	-
FRM YTD	17	238	-	-	626	2321	374	2184	16	185	5	265	-	-
TOT YTD	120	450	26	406	1398	5515	6860	12878	188	778	7	269	54	1653

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
MARCH 1982

	PORTUGAL		SPAIN		SWEDEN		SWITZERLAND		U. KINGDOM		W. GERMANY		YUGOSLAVIA	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	-	-	-	-	-	-	2	71	-	-	28	4082	-	-
3035	-	-	-	-	-	-	-	-	8	336	-	-	-	-
3045	-	-	-	-	-	-	2	207	-	-	3	446	-	-
3204	-	-	-	-	-	-	-	-	1	422	1	70	-	-
3206	-	-	-	-	-	-	2	976	-	-	-	-	-	-
3209	-	-	-	-	-	-	1	774	-	-	3	405	-	-
3211	-	-	-	-	-	-	-	-	2	110	1	146	-	-
3212	-	-	-	-	-	-	9	1264	-	-	5	700	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	2	170	-	-	-	-	1	667	2	641	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	-	-	-	-	3	969	16	1988	1	135
3222	-	-	7	560	-	-	-	-	7	1196	-	-	-	-
3223	-	-	15	135	-	-	3	961	20	327	23	844	-	-
3228	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3229	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3234	17	99	47	348	7	29	-	-	4	32	-	-	-	-
3236	-	-	9	33	2	6	-	-	16	102	6	36	-	-
3242	-	-	16	209	-	-	14	762	6	308	16	1087	-	-
3264	-	-	2	34	1	98	2	1026	3	409	1	449	-	-
3266	-	-	-	-	2	97	1	54	1	17	24	1009	-	-
3267	-	-	305	1776	5	126	-	-	19	780	1	35	-	-
3268	-	-	7	308	1	100	1	15	7	759	3	197	-	-
3269	-	-	31	469	6	127	10	167	14	212	10	342	-	-
3276	-	-	-	-	-	-	1	176	3	1062	2	438	-	-
3277	-	-	1	153	-	-	-	-	6	626	20	1176	-	-
3281	-	-	-	-	-	-	-	-	-	-	1	357	-	-
3283	-	-	4	227	-	-	2	48	7	2585	6	664	-	-
3507	-	-	-	-	-	-	1	53	1	71	6	487	-	-
3509	-	-	-	-	2	200	-	-	6	681	11	967	-	-
3511	-	-	-	-	4	539	2	346	-	-	1	184	-	-
3512	-	-	80	1359	-	-	2	14	254	2751	7	258	47	517
3513	-	-	-	-	-	-	1	49	22	340	-	-	-	-
3514	-	-	-	-	-	-	3	55	6	1137	1	234	-	-
3515	-	-	-	-	-	-	6	191	-	-	4	163	-	-
3516	-	-	-	-	-	-	3	84	25	1196	1	157	-	-
3518	-	-	1	17	-	-	1	5	7	148	6	1131	-	-
3521	-	-	-	-	6	619	1	123	7	639	1	152	-	-
3522	-	-	8	146	-	-	12	436	41	1310	19	861	1	48
3527	-	-	-	-	2	11	4	697	1	5	8	676	-	-
3528	-	-	-	-	-	-	-	-	-	-	7	540	-	-
3529	-	-	2	5	2	27	30	504	73	1188	73	1981	-	-
3533	-	-	-	-	-	-	3	465	39	661	11	1102	-	-
3539	-	-	-	-	-	-	-	-	-	-	4	642	-	-
3541	-	-	3	74	-	-	-	-	-	-	33	711	-	-
3543	-	-	9	29	1	9	9	716	21	961	8	236	1	29
3546	-	-	-	-	1	143	-	-	-	-	-	-	-	-
3554	-	-	5	99	-	-	17	1109	18	311	9	434	-	-
3556	-	-	1	50	-	-	11	332	4	117	-	-	-	-
3558	-	-	-	-	-	-	-	-	2	69	23	622	6	119
3559	-	-	9	39	4	575	7	607	25	267	32	1663	-	-
3562	-	-	-	-	-	-	41	2669	-	-	-	-	-	-
3564	-	-	2	49	1	22	17	340	1	12	-	-	-	-
3567	-	-	-	-	-	-	-	-	1	153	4	162	-	-
3571	-	-	-	-	-	-	1	55	10	324	2	30	-	-
3576	-	-	-	-	-	-	-	-	2	134	-	-	-	-
3577	-	-	-	-	2	31	5	78	84	421	72	2037	-	-
3578	-	-	-	-	-	-	-	-	2	18	8	762	-	-
3579	-	-	13	71	2	16	7	163	23	450	25	2191	-	-
4000	-	-	4	204	27	182	89	371	783	5017	226	2764	-	-
5000	27	44	54	93	187	157	310	105	400	369	1952	564	-	-
CUT YTD	44	143	637	6655	265	3115	633	16365	1986	29664	2726	36815	56	847
1010	-	-	-	-	-	-	-	-	-	-	15	734	-	-
3582	-	-	-	-	3	3	5	104	70	443	20	107	-	-
3583	-	-	23	7	35	51	405	67	196	121	396	112	-	-
3584	-	-	-	-	-	-	14	2125	1	142	11	1143	-	-
3586	-	-	-	-	-	-	-	-	30	326	3	231	-	-
3587	-	-	-	-	2	62	-	-	-	-	49	753	-	-
3588	-	-	-	-	-	-	-	-	-	-	6	897	-	-
3589	-	-	-	-	9	285	-	-	2	110	-	-	-	-
3591	-	-	-	-	19	376	2	44	2	45	2	8	-	-
3592	-	-	-	-	8	46	3	186	7	160	26	771	-	-
3593	-	-	-	-	-	-	-	-	-	-	1	178	-	-
3594	-	-	-	-	-	-	-	-	-	-	1	64	-	-
3595	-	-	-	-	1	12	-	-	-	-	5	317	-	-
3596	-	-	-	-	12	34	1	245	10	371	10	939	-	-
3597	-	-	-	-	-	-	-	-	-	-	18	1155	-	-
3598	-	-	-	-	-	-	-	-	1	61	12	4601	-	-
3599	-	-	7	112	7	461	11	790	15	1003	43	2049	-	-
FRM YTD	-	-	30	119	96	1330	441	3561	334	2783	618	14057	-	-
TOT YTD	44	143	667	6773	361	4445	1074	19925	2320	32447	3344	50872	56	847

[illegible]
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
MARCH 1982

STK	CANADA UNITS	CANADA $000	INDIA UNITS	INDIA $000	JAPAN UNITS	JAPAN $000	TAIWAN UNITS	TAIWAN $000	AUSTRALIA UNITS	AUSTRALIA $000	ALL OTHERS UNITS	ALL OTHERS $000
3025	-	-	-	-	2	290	-	-	-	-	6	286
3035	-	-	-	-	-	-	-	-	-	-	-	-
3085	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	266	21224	-	-	-	-	1	59
3206	-	-	-	-	18	4447	-	-	-	-	-	-
3210	-	-	-	-	87	10858	1	173	-	-	3	640
3211	-	-	-	-	118	11806	2	120	-	-	1	450
3212	-	-	-	-	-	-	-	-	-	-	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	1	103	-	-	-	-	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	2	97	-	-	-	-	1	689
3222	-	-	-	-	18	1405	-	-	-	-	16	2925
3223	1	a/	-	-	70	715	986	503	-	-	2	175
3228	-	-	-	-	-	-	-	-	-	-	-	-
3229	1	498	-	-	-	-	-	-	-	-	-	-
3234	-	-	-	-	105	1127	95	411	-	-	12	109
3236	1	3	-	-	-	-	4	11	-	-	-	-
3242	1	3	-	-	7	109	13	45	-	-	10	172
3264	-	-	-	-	23	3822	2	46	-	-	4	160
3266	-	-	-	-	5	403	18	103	-	-	27	135
3267	137	1942	-	-	87	1825	83	241	-	-	28	279
3268	-	-	-	-	25	1020	8	86	-	-	-	-
3269	2	92	-	-	20	1063	751	3136	-	-	46	288
3276	-	-	-	-	6	862	-	-	-	-	-	-
3277	-	-	-	-	4	679	2	7	-	-	11	734
3281	-	-	-	-	3	410	-	-	-	-	-	-
3283	3	935	1	110	3	173	1	7	-	-	1	49
3507	-	-	1	93	421	26681	13	404	-	-	20	1000
3509	-	-	-	-	148	18435	-	-	-	-	1	95
3511	-	-	-	-	58	9376	-	-	-	-	-	-
3512	20	224	7	93	49	2364	766	4681	-	-	470	5078
3513	-	-	-	-	5	282	6	92	-	-	-	-
3514	-	-	-	-	1	16	8	97	-	-	38	292
3515	-	-	-	-	19	571	3	63	-	-	23	392
3516	-	-	-	-	2	79	-	-	-	-	-	-
3518	-	-	35	123	95	3573	48	684	-	-	16	589
3521	1	30	-	-	62	6376	2	72	-	-	-	-
3522	2	160	5	312	22	1494	128	682	-	-	178	1786
3527	-	-	-	-	1	3	1	9	-	-	11	196
3528	-	-	-	-	2	42	-	-	-	-	-	-
3529	1	11	1	3	27	359	26	118	-	-	34	265
3533	1	4	-	-	3	90	-	-	-	-	-	-
3539	-	-	-	-	3	289	-	-	-	-	-	-
3541	-	-	-	-	118	1965	-	-	-	-	80	1180
3543	-	-	-	-	74	1078	184	551	-	-	29	357
3546	-	-	-	-	5	439	-	-	-	-	-	-
3550	-	-	-	-	16	729	15	53	-	-	9	141
3554	-	-	1	66	16	573	11	49	-	-	-	-
3558	-	-	-	-	6	384	13	60	-	-	3	19
3559	20	209	-	-	22	771	43	216	-	-	14	162
3562	-	-	-	-	41	2470	-	-	-	-	-	-
3566	-	-	-	-	7	459	-	-	-	-	1	30
3567	-	-	-	-	2	187	-	-	-	-	-	-
3571	1	9	-	-	4	37	-	-	1	90	-	-
3576	-	-	-	-	10	335	-	-	-	-	-	-
3577	1	3	-	-	59	989	37	186	-	-	4	170
3578	-	-	-	-	-	-	-	-	-	-	-	-
3579	11	286	9	158	22	1690	4	42	-	-	3	47
4000	37	303	-	-	1276	442	1381	132	-	-	11	112
5000	2255	871	1	1	22308	2690	232449	12846	-	-	195	207
CUT YTD	2496	5112	62	919	25799	147596	237146	25136	1	90	1303	18768
1010	7	281	-	-	13	851	-	-	-	-	-	-
3582	3	72	-	-	6	40	-	-	3	1	1	5
3583	572	136	4	1	5086	813	3433	235	-	-	101	20
3584	-	-	-	-	33	3365	-	-	-	-	-	-
3586	4	128	-	-	51	730	3	28	-	-	10	212
3587	2	37	-	-	45	338	-	-	-	-	-	-
3588	1	144	-	-	-	-	-	-	-	-	-	-
3589	16	420	-	-	53	639	-	-	-	-	5	162
3591	-	-	-	-	-	-	-	-	-	-	-	-
3592	36	825	-	-	18	208	-	-	-	-	7	55
3593	-	-	-	-	2	180	-	-	-	-	-	-
3594	7	101	-	-	17	1129	-	-	-	-	-	-
3595	7	20	-	-	2	241	-	-	-	-	2	9
3596	4	183	-	-	23	1847	2	25	-	-	2	295
3597	-	-	-	-	21	973	-	-	-	-	-	-
3598	1	7	-	-	-	-	1	81	-	-	-	-
3599	21	423	-	-	21	4041	1	18	-	-	1	58
FRM YTD	681	2939	4	1	5387	15295	3440	347	3	1	129	762
TOT YTD	3177	8051	66	920	31186	162881	240586	25483	4	91	1432	19530

	UNITS	$000	UNITS	$000	UNITS	$000
EUROPE						
AZORES	-	-	-	-	-	-
BULGARIA	46	184	-	-	46	184
CYPRUS	-	-	-	-	-	-
FINLAND	39	29	61	64	100	93
GREECE	-	-	-	-	-	-
HUNGARY	11	916	1	10	12	926
ICELAND	-	-	-	-	-	-
IRELAND	1	22	-	-	1	22
ROMANIA	10	503	-	-	10	503
USSR	5	91	-	-	5	91
GIBRALTAR	-	-	-	-	-	-
MALTA	-	-	-	-	-	-
TOTAL	112	1757	62	74	174	1821
OTHER N.AC.AM						
BAHAMAS	-	-	-	-	-	-
BARBADOS	-	-	-	-	-	-
BELIZE	-	-	-	-	-	-
BERMUDA	-	-	-	-	-	-
CAYMAN	-	-	-	-	-	-
COSTA RICA	-	-	-	-	-	-
DOMINICAN REP.	-	-	-	-	-	-
FR. W. INDIES	-	-	-	-	-	-
GUATEMALA	-	-	-	-	-	-
HAITI	-	-	-	-	-	-
HONDURAS	-	-	-	-	-	-
JAMAICA	-	-	-	-	-	-
LW & WW IS.	-	-	-	-	-	-
MEXICO	2	10	28	8	30	18
NICARAGUA	5	a/	-	-	5	a/
N. ANTILLES	-	-	-	-	-	-
PANAMA	-	-	-	-	-	-
SALVADOR	-	-	-	-	-	-
TRINIDAD	-	-	-	-	-	-
TOTAL	7	10	28	8	35	18
OTHER S. AMER						
ARGENTINA	24	275	-	-	24	275
BOLIVIA	-	-	-	-	-	-
BRAZIL	84	4181	2	9	86	4190
CHILE	-	-	-	-	-	-
COLOMBIA	-	-	-	-	-	-
ECUADOR	-	-	-	-	-	-
FRENCH GUIANA	-	-	-	-	-	-
GUYANA	-	-	-	-	-	-
PARAGUAY	-	-	-	-	-	-
PERU	1	16	-	-	1	16
SURINAM	-	-	-	-	-	-
URUGUAY	-	-	-	-	-	-
VENEZUELA	-	-	-	-	-	-
TOTAL	109	4472	2	9	111	4481
OTHER ASIA						
AFGHANISTAN	-	-	-	-	-	-
ADEN	-	-	-	-	-	-
ARAB EMIRATES	-	-	-	-	-	-
BAHRAIN	-	-	-	-	-	-
BANGLADASH	-	-	-	-	-	-
BRUNEI	-	-	-	-	-	-
BURMA	-	-	-	-	-	-
CHINA	297	1266	-	-	297	1266
GAZA STRIP	-	-	-	-	-	-
HONG KONG	5	20	12	a/	17	20
INDONESIA	-	-	-	-	-	-
IRAN	-	-	-	-	-	-
IRAQ	-	-	-	-	-	-
ISRAEL	13	382	18	625	31	1007
JORDAN	-	-	-	-	-	-
KOREAN REP.	467	6129	6	37	473	6167
KUWAIT	-	-	-	-	-	-
LEBANON	-	-	-	-	-	-
MALAYSIA	-	-	-	-	-	-
NEPAL	-	-	-	-	-	-
OMAN	-	-	-	-	-	-
PAKISTAN	-	-	-	-	-	-
PHILLIPINES	-	-	-	-	-	-
QATAR	-	-	-	-	-	-
SAUDI ARABIA	-	-	-	-	-	-
SINGAPORE	329	4025	-	-	329	4025
SRI LANKA	-	-	-	-	-	-
SYRIA	-	-	-	-	-	-
THAILAND	-	-	-	-	-	-
TURKEY	-	-	-	-	-	-
YEMEN	-	-	-	-	-	-
TOTAL	1071	11822	36	663	1107	12485

	UNITS	$000	UNITS	$000	UNITS	$000
OTHER OCEANIA						
FR. PAC. IS.	-	-	-	-	-	-
NEW GUINEA	-	-	-	-	-	-
NEW ZEALAND	2	9	-	-	2	9
TERR. PAC. IS.	-	-	-	-	-	-
OTH. PAC. IS.	-	-	-	-	-	-
TOTAL	2	9	-	-	2	9
OTHER AFRICA						
BOTSWANA	-	-	-	-	-	-
ALGERIA	-	-	-	-	-	-
ANGOLA	-	-	-	-	-	-
BENIN	-	-	-	-	-	-
CAMEROON	-	-	-	-	-	-
CANARY ISLANDS	-	-	-	-	-	-
DAHOMEY	-	-	-	-	-	-
EGYPT	-	-	-	-	-	-
ETHIOPIA	-	-	-	-	-	-
GABON	-	-	-	-	-	-
GHANA	-	-	-	-	-	-
GUINEA	-	-	-	-	-	-
KENYA	-	-	-	-	-	-
LIBERIA	-	-	-	-	-	-
LIBYA	-	-	-	-	-	-
MALAWI	-	-	-	-	-	-
MAURITANIA	-	-	-	-	-	-
MOROCCO	-	-	-	-	-	-
MOZAMBIQUE	-	-	-	-	-	-
NIGER	-	-	-	-	-	-
NIGERIA	-	-	-	-	-	-
REP. S. AFRICA	2	708	1	8	3	716
RWANDA	-	-	-	-	-	-
SENEGAL	-	-	-	-	-	-
SIERRA LEONE	-	-	-	-	-	-
SOMALIA	-	-	-	-	-	-
S. W. AFRICA	-	-	-	-	-	-
SUDAN	-	-	-	-	-	-
SWAZILAND	-	-	-	-	-	-
TANZANIA	-	-	-	-	-	-
TUNISIA	-	-	-	-	-	-
ZIMBABWE	-	-	-	-	-	-
WEST AFRICA	-	-	-	-	-	-
ZAIRE	-	-	-	-	-	-
TOTAL	2	708	1	8	3	716

674:	METAL CUTTING	TOTAL UNITS	QTR. $000	AUSTRIA UNITS	AUSTRIA $000	BELGIUM UNITS	BELGIUM $000	DENMARK UNITS	DENMARK $000	FINLAND UNITS	FINLAND $000
3020	Gear Hobbers & Shapers	5	709	-	-	-	-	-	-	-	-
3045	Gear Cutting Machines, N.E.C.	76	8530	-	-	-	-	-	-	-	-
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26'' or Less	18	1705	-	-	-	-	-	-	-	-
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26''	3	637	-	-	-	-	-	-	-	-
3209	Horizontal Machining Centers, ATC, NC	29	6632	-	-	-	-	3	462	3	1150
3211	Machining Centers, NC, N.E.C.	38	4302	-	-	-	-	-	-	-	-
3216	Single Station and Multi-Station Transfer Machines	6	2492	-	-	-	-	-	-	-	-
3225	Way Type Machines (Unit Heads)	5	903	-	-	-	-	-	-	-	-
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	7	2618	-	-	-	-	-	-	-	-
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	1	748	-	-	-	-	-	-	-	-
3247	Vertical Boring-Drilling-Milling Machines, NC	4	1612	-	-	-	-	-	-	-	-
3248	Horiz. Boring-Drilling-Milling Machines, non-NC	6	1184	-	-	-	-	-	-	-	-
3249	Vertical Boring-Drilling-Milling Machines, non-NC	15	512	-	-	-	-	-	-	-	-
3254	Drilling Machines, NC	2	110	-	-	-	-	-	-	-	-
3255	Drilling Machines, Multi-Spindle, non-NC	16	1452	-	-	-	-	-	-	-	-
3256	Drilling Machines, Radial, non-NC	10	772	-	-	-	-	-	-	-	-
3257	Drilling Machines, Upright, Single Spindle, non-NC	24	355	-	-	-	-	-	-	-	-
3258	Drilling Machines, non-NC, N.E.C.	54	1132	-	-	-	-	-	-	-	-
3264	Milling Machines, NC	17	3609	-	-	-	-	-	-	-	-
3266	Milling Machines, Profiling, Dupl. & Die Sinking, non-NC	9	817	-	-	-	-	-	-	-	-
3267	Milling Machines, Knee Type, non-NC	-	-	-	-	-	-	-	-	-	-
3268	Milling Machines, Bed Type, non-NC	2	99	-	-	-	-	-	-	-	-
3269	Milling Machines, non-NC, N.E.C.	46	1582	-	-	-	-	-	-	-	-
3276	Vertical Boring Machines, incl. VTL's, NC	2	525	-	-	-	-	-	-	-	-
3277	Vertical Boring Machines, incl. VTL's, non-NC	22	4773	-	-	-	-	-	-	-	-
3281	Boring Machines, NC, N.E.C.	5	553	-	-	-	-	-	-	-	-
3283	Boring Machines, non-NC, N.E.C.	29	1260	-	-	-	-	-	-	-	-
3504	Horizontal Lathes, NC, Less Than 25 HP	61	4689	-	-	-	-	-	-	-	-
3506	Horizontal Lathes, NC, 25-50 HP	22	4899	1	111	-	-	-	-	-	-
3508	Horizontal Lathes, NC, Over 50 HP	9	2614	-	-	-	-	-	-	-	-
3510	Horizontal Engine & Toolroom Lathes, non-NC	24	552	-	-	-	-	-	-	-	-
3511	Automatic Chucking Lathes, Single Spindle, non-NC	3	475	-	-	-	-	-	-	-	-
3512	Automatic Chucking Lathes, Multi-Spindle, non-NC	4	843	-	-	-	-	-	-	-	-
3515	Automatic Bar Machines, Single Spindle, non-NC	14	748	-	-	-	-	-	-	-	-
3516	Automatic Bar Machines, Multi-Spindle, non-NC	12	1044	-	-	-	-	-	-	-	-
3518	Horizontal Lathes, non-NC, N.E.C.	98	3407	-	-	-	-	-	-	-	-
3519	Vertical Lathes, excl. VTL's, NC	8	1818	-	-	-	-	-	-	-	-
3525	Vertical Lathes, excl. VTL's, non-NC	31	3004	-	-	-	-	-	-	1	201
3528	Grinding, Polishing, Honing & Lapping Machines, NC	24	4296	-	-	-	-	-	-	-	-
3529	Gear Tooth Grinding & Finishing Machines, non-NC	16	2086	-	-	-	-	-	-	-	-
3531	Tool & Cutter Grinding Machines, non-NC	72	2610	-	-	-	-	-	-	-	-
3532	Honing & Lapping Machines, non-NC	109	1616	-	-	-	-	-	-	-	-
3533	Grinding Machines, Flat Surface Reciprocating Table, non-NC	17	292	-	-	-	-	-	-	-	-
3538	Grinding Machines, Flat Surface, non-NC, N.E.C.	49	4460	-	-	-	-	-	-	1	13
3541	External Grinding Machines, non-NC	17	3319	-	-	-	-	-	-	-	-
3542	Internal Grinding Machines, non-NC	13	2325	-	-	-	-	-	-	-	-
3544	Grinding, Polishing & Buffing Machines, non-NC, N.E.C.	45	1884	-	-	-	-	-	-	-	-
3546	Grinding Machines, non-NC, N.E.C.	139	3545	-	-	-	-	-	-	-	-
3547	Traveling Wire Electrical Discharge Machines	10	43	-	-	-	-	-	-	-	-
3549	All Other Electrical Discharge Machines	28	398	-	-	-	-	-	-	-	-
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	1	211	-	-	-	-	-	-	-	-
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, non-NC	23	573	-	-	1	7	-	-	-	-
3559	Metal Cutting Machine Tools, NC, N.E.C.	13	1040	-	-	-	-	-	-	-	-
3565	Sawing & Cut-off Machines, non-NC	124	1668	6	20	-	-	-	-	-	-
3566	Broaching Machines, non-NC	10	3385	-	-	-	-	-	-	-	-
3567	Metal Cutting Machine Tools, non-NC, N.E.C.	118	3848	-	-	-	-	-	-	2	44
4000	Metal Cutting Machine Tools, Used or Rebuilt*	851	9372	-	-	-	-	-	-	-	-
5000	Metal Cutting Machine Tools, Less Than $2500*	11592	3781	-	-	114	22	228	45	-	-
	TOTAL CUTTING YTD	14009	124092	7	131	115	29	231	506	7	1409
674:	METAL FORMING										
1011	Die Casting Machines & Parts	-	2884	-	12	-	-	-	-	-	-
3568	Metal Forming Machine Tools, Used or Rebuilt	270	4115	-	-	-	-	4	2	-	-
3569	Metal Forming Machine Tools, Less Than $2500	1871	1034	-	-	34	16	11	3	-	-
3571	Punching & Shearing Machines, incl. Combination, NC	20	1907	-	-	-	-	-	-	-	-
3573	Shearing Machines, non-NC	28	924	-	-	-	-	-	-	-	-
3575	Punching & Combination Punching & Shearing Machines, non-NC	236	7985	-	-	-	-	-	-	-	-
3578	Bending, Folding, Straightening & Flattening Machines, NC	45	2801	-	-	-	-	-	-	-	-
3582	Press Brakes, non-NC	58	983	-	-	-	-	-	-	3	12
3583	Bending Rolls, Ram & Press Bending Machines, non-NC	30	1383	-	-	-	-	-	-	-	-
3584	Bending,Folding,Str. & Flattening Machines, non-NC, N.E.C.	154	7839	-	-	-	-	2	14	-	-
3588	Mechanical Presses, non-NC	82	5744	-	-	2	24	-	-	-	-
3589	Hydraulic Presses, Vertical, Single Action, non-NC	15	1072	-	-	-	-	-	-	-	-
3590	Hydraulic & Pneumatic Presses, non-NC, N.E.C.	107	8907	-	-	-	-	-	-	3	3754
3594	Headers & Upsetters, non-NC	9	1846	-	-	-	-	-	-	-	-
3595	Forging Machines, non-NC, N.E.C.	30	4239	-	-	-	-	1	4	-	-
3598	Metal Forming Machine Tools, non-NC, N.E.C.	320	14288	2	160	-	-	-	-	-	-
	TOTAL FORMING YTD	3275	67961	2	172	36	40	18	23	6	3766
	TOTAL ALL TYPES YTD	17284	192053	9	304	151	69	249	529	13	5175

Source: U.S. Department of Commerce, Census Report No. EM522; National Machine Tool Builders' Association.
NOTES: 1) a/Dollar amount less than $500; 2) N.E.C. - Not Elsewhere Classified; 3) Individual items may not add to totals due to rounding. 4) Beginning in January 1980, foreign trade data for die casting machines are included in the metal forming total.

*Code 6744000 shown above represents combined data from codes 674:3015,3241,3252,3261,3272,3501,3526 & 3554.
Code 6745000 shown above represents combined data from codes 674:3243,3253,3262,3273,3502,3527 & 3557.

U.S. EXPORTS OF [illegible] YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
MARCH 1982

	FRANCE		GREECE		IRELAND		ITALY		NETHERLANDS		NORWAY		POLAND		ROMANIA		SPAIN		SWEDEN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	2	411	-	-	2	116	-	-	1	17	-	-	-	-	-	-	1	55	-	-
3204	1	95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	711
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	1	41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	11	85	-	-	-	-	-	-	1	71	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	-	-	6	99	-	-	-	-	-	-	-	-	-	-	1	[illegible]
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	[illegible]
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	4	840	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1310	-	-
3281	-	-	-	-	1	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	2	103	-	-	-	-	-	-	-	-	-	-
3504	19	1213	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	2	272	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	1	610	-	-	1	169	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	1	44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	2	18	2	12	-	-	-	-	-	-	-	-	-	-
3519	-	-	-	-	1	396	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3528	-	-	-	-	-	-	2	319	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	932	-	-	-	-
3532	7	33	-	-	-	-	7	71	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3538	-	-	-	-	1	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	2	505	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	-	-	-	-	3	295	-	-	-	-	-	-	-	-	-	-	-	-
3546	5	137	5	91	-	-	-	-	5	62	-	-	-	-	1	505	-	-	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	1	12	-	-	-	-	-	-	10	188	-	-	-	-	-	-	1	90	-	-
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	1	67	1	76	1	42	-	-	-	-	-	-	-	-	-	-	1	3	-	-
4000	6	1	-	-	2	23	6	180	-	-	-	-	-	-	-	-	-	-	-	-
5000	15	15	-	-	6	10	651	56	80	8	8	6	-	-	-	-	2	3	118	12
CUT YTD	79	4381	6	167	15	845	677	987	109	460	8	6	-	-	2	1177	8	1835	119	984
1011	-	58	-	-	-	-	-	118	-	6	-	10	-	-	-	-	-	12	-	20
3568	-	-	-	-	-	-	-	-	20	604	-	-	-	-	-	-	-	-	-	-
3569	76	25	-	-	1	1	-	-	2	1	8	1	-	-	-	-	16	9	9	6
3571	3	383	-	-	2	54	-	-	5	180	-	-	-	-	-	-	-	-	-	-
3573	-	-	-	-	-	-	1	18	-	-	-	-	-	-	-	-	2	43	-	-
3575	1	213	-	-	-	-	-	-	25	457	-	-	-	-	-	-	1	4	1	3
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	990	-	-
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	1	246	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3588	4	44	-	-	-	-	5	2335	-	-	-	-	-	-	-	-	-	-	-	-
3589	1	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3590	1	71	-	-	1	13	-	-	2	81	-	-	-	-	-	-	1	97	8	773
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	1	56	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3598	2	75	1	900	5	263	6	1802	6	170	-	-	-	-	-	-	3	252	-	-
FRN YTD	89	1153	1	900	10	387	12	3809	65	1939	8	11	-	-	-	-	52	966	11	800
TOT YTD	168	5534	7	1067	25	1233	689	6866	174	1999	8	19	-	-	2	1177	60	2801	130	1993

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
MARCH 1982

	SWITZERLAND		U. KINGDOM		USSR		W. GERMANY		YUGOSLAVIA		CANADA		MEXICO		OTH. W&C AM		ARGENTINA		BRAZIL	
STC:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3520	-	-	-	-	-	-	1	81	-	-	-	-	2	235	-	-	-	-	-	-
3549	1	18	3	1206	-	-	1	188	-	-	2	72	10	577	1	37	-	-	-	-
3204	1	108	1	87	-	-	2	217	-	-	8	738	1	87	1	89	-	-	-	-
3206	-	-	1	129	-	-	-	-	-	-	1	291	-	-	-	-	-	-	1	217
3209	1	151	7	930	-	-	-	-	-	-	8	1512	2	392	-	-	-	-	8	701
3211	-	-	1	27	-	-	1	100	-	-	2	362	11	1020	-	-	-	-	2	320
3216	-	-	1	127	-	-	-	-	-	-	-	-	3	1100	-	-	-	-	-	-
3225	-	-	-	-	-	-	2	621	-	-	-	-	1	170	-	-	-	-	-	-
3245	3	920	-	-	-	-	-	-	-	-	2	912	1	373	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	1	798	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	3	1191	1	821	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	3	781	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	2	42	6	140	-	-	-	-	-	-
3250	-	-	1	85	-	-	-	-	-	-	-	-	1	25	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	15	1357	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	1	58	6	123	-	-	-	-	1	104
3257	1	78	-	-	-	-	-	-	-	-	7	57	4	64	-	-	-	-	-	-
3258	-	-	10	99	-	-	-	-	-	-	6	83	9	306	-	-	-	-	1	115
3264	-	-	-	-	-	-	-	-	-	-	1	2520	2	55	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	5	197	1	21	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	2	79	23	290	-	-	-	-	-	-	3	485	4	44	1	10	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	2	525	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	1	337	7	1134	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	8	494	-	-	-	-	-	-
3283	-	-	5	258	-	-	2	17	-	-	2	38	4	387	-	-	-	-	1	90
3504	-	-	17	1038	-	-	-	-	-	-	5	342	8	483	1	92	-	-	-	-
3506	-	-	9	987	-	-	-	-	-	-	1	288	2	780	-	-	8	840	1	1117
3508	-	-	1	475	-	-	-	-	-	-	1	231	1	82	-	-	2	544	-	-
3510	-	-	-	-	-	-	-	-	-	-	5	99	10	189	-	-	-	-	-	-
3511	-	-	-	-	-	-	1	442	-	-	-	-	1	16	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	8	863	-	-	-	-	-	-	-	-
3515	-	-	1	29	-	-	-	-	-	-	1	183	1	104	-	-	-	-	-	-
3516	-	-	3	120	-	-	-	-	-	-	3	824	1	116	-	-	-	-	1	87
3518	1	2	-	-	-	-	1	2	-	-	16	175	43	1623	8	120	-	-	-	-
3519	-	-	2	61	-	-	-	-	-	-	1	266	2	645	-	-	-	-	-	-
3525	-	-	2	1174	-	-	-	-	-	-	1	99	7	645	2	35	-	-	3	79
3528	-	-	-	-	-	-	1	270	-	-	1	116	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	6	1193	-	-	8	163	8	249	-	-	-	-	-	-
3531	-	-	1	321	-	-	10	281	-	-	25	182	18	293	-	-	1	206	1	221
3532	-	-	3	60	-	-	17	311	-	-	10	619	43	190	-	-	-	-	2	171
3533	1	88	-	-	-	-	-	-	-	-	9	93	2	46	-	-	-	-	-	-
3538	-	-	3	946	-	-	1	81	-	-	3	218	23	2293	-	-	1	110	1	12
3541	-	-	1	51	-	-	1	257	-	-	10	2210	2	203	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	6	1200	2	88	-	-	-	-	1	107
3544	-	-	-	-	-	-	6	96	-	-	8	25	14	538	-	-	-	-	-	-
3546	1	60	2	128	-	-	8	356	-	-	20	689	42	894	1	3	1	2	-	-
3547	6	36	-	-	-	-	2	3	-	-	-	-	1	3	-	-	-	-	-	-
3549	-	-	1	3	-	-	-	-	-	-	1	15	8	60	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	11	382	-	-	-	-	-	-
3559	-	-	-	-	-	-	1	6	-	-	1	267	9	709	1	17	-	-	-	-
3565	6	85	5	52	-	-	-	-	-	-	48	901	18	185	-	-	1	7	-	-
3566	-	-	-	-	-	-	-	-	-	-	1	30	3	930	-	-	-	-	-	-
3567	6	35	1	7	-	-	-	-	-	-	22	374	52	1423	-	-	-	-	-	-
4000	6	91	11	377	-	-	5	17	-	-	162	1301	821	5170	6	72	-	-	-	-
5000	33	5	379	80	-	-	256	58	-	-	5138	1072	701	564	58	24	82	100	1	1
CUT YTD	65	1764	490	8658	-	-	334	8758	-	-	5567	21417	1504	29765	78	450	92	1810	21	3879
1011	-	1	-	161	-	-	-	79	-	-	-	372	-	280	-	232	-	17	-	100
3568	-	-	-	-	-	-	-	-	-	-	85	446	85	2548	6	60	-	-	-	-
3569	11	6	38	33	-	-	27	17	-	-	917	301	227	197	21	11	-	-	12	19
3571	-	-	2	307	-	-	-	-	-	-	3	553	-	-	-	-	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	8	75	15	730	-	-	-	-	-	-
3575	-	-	28	869	-	-	2	60	1	123	46	2273	36	1842	3	35	-	-	-	-
3579	1	18	5	687	-	-	-	-	-	-	7	739	11	936	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	-	-	22	152	8	304	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	2	52	12	594	1	53	-	-	11	251
3586	1	229	17	228	-	-	1	69	-	-	35	752	40	2927	6	31	-	-	1	72
3588	-	-	2	164	-	-	1	11	-	-	6	844	12	984	1	20	-	-	1	66
3589	-	-	1	33	-	-	1	67	-	-	1	155	6	276	-	-	-	-	-	-
3590	-	-	6	254	-	-	-	-	-	-	16	641	91	888	3	119	-	-	-	-
3594	-	-	1	23	-	-	-	-	-	-	1	51	6	872	-	-	-	-	-	-
3595	-	-	-	-	-	-	1	86	-	-	17	999	8	935	1	18	-	-	-	-
3598	1	5	15	1026	-	-	9	426	-	-	28	1092	64	4391	6	93	-	-	2	290
FRM YTD	14	255	113	3784	-	-	42	794	1	123	790	8986	619	18952	44	680	-	-	27	758
TOT YTD	79	2019	603	12442	-	-	376	9552	1	123	6357	30402	2123	48717	122	1130	92	1827	48	4237

U.S. [illegible]
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
MARCH 1982

STR:	CHILE UNITS	$000	COLOMBIA UNITS	$000	PERU UNITS	$000	VENEZUELA UNITS	$000	OTH. S. AM. UNITS	$000	INDIA UNITS	$000	IRAN UNITS	$000	ISRAEL UNITS	$000	JAPAN UNITS	$000	KOREAN REP. UNITS	$000
9020	-	-	-	-	-	-	-	-	-	-	1	189	-	-	-	-	1	293	-	-
9045	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	189	15	3476	1	16
1204	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1206	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1209	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1211	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	135	5	713	-	-
1216	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1225	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	110	-	-
1245	-	-	-	-	-	-	-	-	-	-	1	618	-	-	-	-	-	-	-	-
1246	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1247	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1248	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	362	-	-
1249	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1254	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1255	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	95	-	-
1256	-	-	-	-	-	-	-	-	-	-	1	379	-	-	-	-	-	-	-	-
1257	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1258	-	-	3	17	1	10	1	8	1	72	1	38	-	-	-	-	2	30	2	76
1264	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	66	-	-
1266	-	-	-	-	-	-	-	-	-	-	1	37	-	-	1	520	-	-	-	-
1267	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1268	-	-	-	-	-	-	-	-	-	-	1	35	-	-	-	-	-	-	-	-
1269	-	-	-	-	-	-	1	8	-	-	1	885	-	-	-	-	-	-	2	33
1276	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1277	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	190	-	-
1281	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1293	-	-	-	-	-	-	1	31	-	-	-	-	-	-	-	-	1	10	6	125
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	259	-	-
3506	-	-	-	-	-	-	2	984	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	109	-	-
3510	-	-	-	-	-	-	8	186	-	-	-	-	-	-	-	-	1	10	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	17	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	1	19	-	-	2	35	-	-	1	38	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	3	8	-	-	-	-	-	-	-	-	-	-	-	-	1	30	2	79
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	1	10	-	-	-	-	-	-	-	-	-	-	-	-
3528	-	-	-	-	-	-	-	-	-	-	3	886	-	-	-	-	10	2253	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	232	-	-
3531	-	-	-	-	-	-	1	4	-	-	-	-	-	-	-	-	1	52	-	-
3532	-	-	-	-	-	-	1	18	-	-	-	-	-	-	-	-	1	52	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	26	8	81	-	-
3538	-	-	1	5	-	-	1	5	-	-	-	-	-	-	-	-	6	79	1	748
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	579	-	-
3542	-	-	-	-	-	-	-	-	-	-	1	84	-	-	-	-	1	255	-	-
3544	-	-	-	-	3	9	1	4	-	-	-	-	-	-	-	-	10	726	3	190
3546	-	-	-	-	1	15	7	258	1	7	-	-	-	-	2	23	3	105	2	31
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
3549	-	-	-	-	-	-	-	-	-	-	2	138	-	-	2	79	3	5	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	211	-	-
3553	-	-	-	-	-	-	-	-	1	105	-	-	-	-	-	-	-	-	-	-
3550	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	42	-	-
3560	1	5	1	3	1	9	1	4	-	-	-	-	-	-	-	-	3	166	2	29
3564	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	2775	-	-
3567	-	-	-	-	-	-	-	-	-	-	3	196	-	-	2	407	8	102	-	-
4000	51	488	72	958	2	6	8	206	-	-	6	138	-	-	39	16	2	36	-	-
5000	20	9	575	68	37	47	293	232	12	5	19	5	-	-	65	53	425	87	25	2
OUT YTD	72	901	656	680	45	95	321	1508	15	189	82	2581	-	-	121	1409	410	13536	67	1329
1011	-	1	-	-	-	16	-	80	-	90	-	3	-	-	-	11	-	54	-	-
3568	-	-	7	46	-	-	13	64	25	152	-	-	-	-	5	33	11	27	-	-
3569	27	5	-	-	-	-	256	82	22	7	-	-	-	-	7	4	129	129	184	42
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3575	-	-	-	-	-	-	1	26	-	-	-	-	-	-	-	-	12	64	1	21
3578	-	-	1	35	-	-	4	114	-	-	-	-	-	-	-	-	3	79	1	43
3582	-	-	-	-	-	-	1	3	-	-	-	-	-	-	1	89	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	2	481	-	-	-	-	-	-	-	-
3584	-	-	2	30	-	-	13	468	1	13	7	311	-	-	-	-	7	218	-	-
3588	-	-	1	30	-	-	6	177	1	22	-	-	-	-	-	-	9	112	1	11
3589	-	-	1	43	-	-	-	-	-	-	1	84	-	-	-	-	-	-	2	129
3590	-	-	1	13	-	-	1	160	-	-	3	118	-	-	2	1213	3	319	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1301	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2723	-	-
3598	5	83	1	12	-	-	118	1162	1	87	1	22	-	-	-	-	8	937	1	13
/SN YTD	32	50	14	210	-	-	411	2313	50	330	14	1019	-	-	15	1312	180	5861	190	259
TOT YTD	104	951	670	890	45	112	732	3902	65	519	56	3561	-	-	136	2775	699	19497	237	1587

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
MARCH 1982

	PHILLIPINES		SINGAPORE		TAIWAN		TURKEY		OTHER ASIA		AUSTRALIA		N. ZEALAND		REP./S.AFR.		OTH. AFRICA		ALL OT CTRY	
STA:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	25	990	1	573	-	-	2	352	-	-	-	-	-	-	1	23	-	-
3204	-	-	-	-	2	125	-	-	-	-	1	185	-	-	1	95	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	1	213	2	133	-	-	-	-	-	-	1	270	-	-	-	-
3211	3	73	7	878	1	80	-	-	2	46	-	-	-	-	1	101	1	19	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1176	-	-	-	-
3225	-	-	-	-	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	2	129	-	-	-	-	5	192	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	1	29	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	-	-	-	-	7	203	2	12	-	-	-	-	1	13	-	-
3264	-	-	-	-	1	630	-	-	7	168	-	-	-	-	-	-	5	380	-	-
3266	-	-	-	-	1	32	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	1	64	-	-	-	-	-	-	-	-	-	-
3269	2	17	-	-	-	-	-	-	3	85	-	-	-	-	1	24	2	60	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	1	165	-	-	-	-	4	797	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	1	96	-	-	-	-	4	185	-	-	-	-	-	-	-	-	-	-
3504	-	-	11	1214	-	-	-	-	-	-	1	89	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	1	399	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	1	70	-	-	-	-	-	-	1	16	-	-	-	-	2	15	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	2	62	-	-	4	118	-	-	-	-	1	184	-	-	-	-
3516	-	-	-	-	3	114	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	2	5	-	-	2	10	1	55	-	-	18	1295	-	-	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	1	8	-	-	-	-	-	-	11	587	1	208	-	-	1	10	-	-	-	-
3528	-	-	6	876	-	-	-	-	1	16	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	1	250	-	-	-	-	-	-	-	-
3531	1	148	2	7	1	112	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3532	-	-	-	-	-	-	-	-	-	-	6	63	1	6	2	19	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3538	-	-	-	-	2	208	-	-	4	165	1	25	-	-	1	9	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	1	23	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	-	-	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3546	1	33	13	152	1	99	-	-	10	62	4	18	-	-	3	8	-	-	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	1	4	1	3	-	-	-	-	5	6	1	25	1	46	-	-	-	-	2	15
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	10	120	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	2	107	4	38	2	26	-	-	3	47	1	43	-	-	-	-	7	91	-	-
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	3	36	4	81	-	-	4	708	2	204	-	-	9	54	1	19	1	9
4000	-	-	-	-	2	18	2	24	25	109	6	77	-	-	3	63	12	395	-	-
5000	10	11	360	199	30	27	-	-	658	383	723	255	27	19	213	163	198	117	35	21
CUT YTD	22	469	437	5183	58	2330	4	157	774	4454	752	1451	29	71	259	3446	228	1076	38	45
1011	-	2	-	38	-	-	-	-	-	95	-	186	-	58	-	3	-	828	-	-
3568	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	4	-	-	-	-
3569	86	24	1	1	20	17	-	-	89	46	60	28	-	-	3	5	5	2	-	-
3571	-	-	-	-	-	-	-	-	5	238	1	119	-	-	-	-	-	-	-	-
3573	-	-	-	-	-	-	-	-	1	6	1	56	-	-	-	-	-	-	-	-
3575	1	5	21	496	1	12	-	-	38	492	8	874	6	77	3	80	-	-	-	-
3579	-	-	1	6	-	-	-	-	2	49	-	-	-	-	-	-	-	-	-	-
3582	-	-	21	395	-	-	-	-	2	114	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	1	12	-	-	1	8	-	-	-	-	-	-
3584	-	-	3	122	4	92	-	-	6	567	2	90	2	66	1	3	3	238	1	8
3588	1	8	-	-	-	-	-	-	3	167	-	-	-	-	1	52	32	660	1	29
3589	-	-	3	238	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3590	-	-	2	40	-	-	-	-	4	254	1	86	-	-	1	15	1	4	1	46
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	1	164	-	-	-	-	1	165	-	-	-	-
3598	-	-	19	152	3	63	-	-	7	88	2	403	-	-	6	482	2	387	-	-
FRM YTD	88	39	71	1435	28	183	-	-	119	2251	75	1801	9	209	17	808	43	2119	3	83
TOT YTD	110	508	508	6618	86	2513	4	157	893	6705	827	3252	38	279	276	4254	271	3195	41	128

FIRST QUARTER 1982 - U.S. EXPORTS OF MACHINE TOOLS

Total and Countries of Destination

The following is a breakdown of the activity by country which is included in the ALL OTHER columns.

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
EUROPE						
AZORES	-	-	-	-	-	-
BULGARIA	-	-	-	-	-	-
CYPRUS	6	9	-	-	6	9
CZECHOSLOVAKIA	-	-	-	-	-	-
E GERMANY	-	-	-	-	-	-
HUNGARY	-	-	-	-	-	-
ICELAND	2	10	1	8	3	18
PORTUGAL	25	20	1	46	26	66
GIBRALTAR	-	-	-	-	-	-
MALTA	-	-	-	-	-	-
TOTAL	33	40	2	54	35	94

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER N.&C.AM						
BAHAMAS	3	123	-	-	3	123
BARBADOS	1	69	-	-	1	69
BELIZE	-	-	-	-	-	-
BERMUDA	-	-	-	-	-	-
CAYMAN	-	-	-	-	-	-
COSTA RICA	2	24	2	2	4	27
DOMINICAN REP.	10	17	15	30	25	47
FR. W. INDIES	-	-	-	-	-	-
GUATEMALA	2	3	3	39	5	42
HAITI	-	-	-	-	-	-
HONDURAS	-	-	1	14	1	14
JAMAICA	4	36	2	2	6	38
LW & WW IS.	4	41	4	146	8	188
NICARAGUA	1	2	-	-	1	2
N. ANTILLES	1	3	7	54	8	57
PANAMA	40	137	6	121	46	257
SALVADOR	-	-	1	224	1	224
TRINIDAD	10	36	3	17	13	53
TOTAL	78	490	44	649	122	1138

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER S. AMER						
BOLIVIA	-	-	-	-	-	-
ECUADOR	13	110	49	329	62	439
FRENCH GUIANA	-	-	-	-	-	-
GUYANA	-	-	-	-	-	-
PARAGUAY	-	-	-	-	-	-
SURINAM	1	72	-	-	1	72
URUGUAY	1	7	1	1	2	9
TOTAL	15	189	50	330	65	519

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
AFGHANISTAN	-	-	-	-	-	-
ADEN	-	-	-	-	-	-
ARAB EMIRATES	73	98	15	17	88	115
BAHRAIN	2	1	-	-	2	1
BANGLADASH	2	3	-	-	2	3
BRUNEI	-	-	-	-	-	-
BURMA	-	-	-	-	-	-
CHINA	5	521	3	276	8	798
GAZA STRIP	-	-	-	-	-	-
HONG KONG	23	43	13	524	36	567
INDONESIA	17	301	3	29	20	330
IRAQ	1	1	-	-	1	1
JORDAN	14	199	2	227	16	426
KUWAIT	18	18	3	1	21	19
LEBANON	24	70	1	7	25	77
MALAYSIA	3	102	4	21	7	123
NEPAL	-	-	-	-	-	-
OMAN	6	6	-	-	6	6
PAKISTAN	3	85	-	-	3	85
QATAR	1	6	-	-	1	6
SAUDI ARABIA	468	2615	56	1090	524	3705
SRI LANKA	-	-	-	-	-	-
SYRIA	-	-	-	-	-	-
THAILAND	114	385	19	59	133	444
YEMEN	-	-	-	-	-	-
TOTAL	774	4454	119	2251	893	6705

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER OCEANIA						
FR. PAC. IS.	-	-	-	-	-	-
NEW GUINEA	4	5	1	29	5	34
TERR. PAC. IS.	-	-	-	-	-	-
OTH. PAC. IS.	1	1	-	-	1	1
TOTAL	5	5	1	29	6	34

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER AFRICA						
BOTSWANA	-	-	-	-	-	-
ALGERIA	58	389	2	387	60	776
ANGOLA	-	-	-	-	-	-
BENIN	-	-	-	-	-	-
CAMEROON	-	-	-	-	-	-
CANARY ISLANDS	-	-	-	-	-	-
DAHOMEY	-	-	-	-	-	-
EGYPT	50	60	36	823	86	883
ETHIOPIA	-	-	-	-	-	-
GABON	-	-	-	-	-	-
GHANA	-	-	4	1	4	1
GUINEA	10	382	-	-	10	382
KENYA	4	6	-	-	4	6
LIBERIA	1	4	-	-	1	4
LIBYA	1	19	-	-	1	19
MALAWI	-	-	-	-	-	-
MAURITANIA	-	-	-	-	-	-
MOROCCO	-	-	-	-	-	-
MOZAMBIQUE	-	-	-	-	-	-
NIGER	-	-	-	-	-	-
NIGERIA	80	179	1	908	81	1087
RWANDA	-	-	-	-	-	-
SENEGAL	-	-	-	-	-	-
SIERRA LEONE	-	-	-	-	-	-
SOMALIA	-	-	-	-	-	-
S. W. AFRICA	13	21	-	-	13	21
SUDAN	-	-	-	-	-	-
SWAZILAND	-	-	-	-	-	-
TANZANIA	-	-	-	-	-	-
TUNISIA	-	-	-	-	-	-
ZIMBABWE	6	10	-	-	6	10
WEST AFRICA	-	-	-	-	-	-
ZAIRE	3	6	-	-	3	6
ZAMBIA	-	-	-	-	-	-
OTH WEST AFR.	-	-	-	-	-	-
IVORY COAST	2	1	-	-	2	1
MAURITIUS	-	-	-	-	-	-
TOGO	-	-	-	-	-	-
TOTAL	228	1076	43	2119	271	3195

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statistical

REPORT
July 29, 1982

U.S. FOREIGN TRADE IN MACHINE TOOLS APRIL 1982

During April 1982, U.S. foreign trade in machine tools resulted in a $60.0 million deficit, bringing the four month total deficit to $225.7 million. Compared to March, U.S. exports were down 22% while imports rose 5%. Year-to-date machine tool exports of $244.0 million were 32% below the same period last year. Imports, at $469.7 million, have dropped 6% below the first four months of 1981.

U.S. Machine Tool Trade
($Millions)

April 1982	Exports	Imports	Surplus (Deficit)
Metal Cutting	$ 36.6	$ 93.0	($ 56.4)
Metal Forming	$ 15.4	$ 19.1	($ 3.7)
Total	$ 52.0	$112.0	($ 60.0)
4 Mos. 1982			
Metal Cutting	$160.7	$403.9	($243.2)
Metal Forming	$ 83.4	$ 65.8	$ 17.6
Total	$244.0	$469.7	($225.7)

U.S. EXPORTS of metal cutting machines during April declined 22% from the March level, with the year-to-date total being 37% below that of the first four months of 1981. Metal forming exports fell 21% below the previous month and were 22% below the first four months' total of 1981. For the first four months of 1982, the leading export markets were (in millions): Mexico ($57.9), Canada ($39.8), Japan ($25.0), the United Kingdom ($15.9) and West Germany ($8.3).

Compared to March, April's U.S. IMPORTS of metal cutting machine tools fell less than 1%, but the four month total was 7% below the first four months of 1981. Metal forming imports increased 47% from their March level and were 2% above the April year-to-date totals of 1981. For January through April 1982, the leading exporters of machine tools to the U.S. were (in millions): Japan ($212.9), West Germany ($64.7), the United Kingdom ($45.0), Taiwan ($33.0) and Switzerland ($27.1).

* * *

national machine tool builders association
7901 WESTPARK DRIVE
McLEAN, VIRGINIA 22102
AREA CODE (703) 893-2900
TWX: 710-831-0031 NMTBA MCLN

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
APRIL 1982

RELEASED: July 29, 1982

Code	Type of Machine	TOTAL YTD UNITS	TOTAL YTD $000	TOTAL MO. UNITS	TOTAL MO. $000	AUSTRIA UNITS	AUSTRIA $000	BELGIUM UNITS	BELGIUM $000
674:	METAL CUTTING								
3025	Gear Hobbers	48	5252	8	486	-	-	-	-
3035	Gear Shapers	8	336	-	-	-	-	-	-
3045	Gear Cutting Machines, N.E.C.	10	1909	5	1256	-	-	-	-
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26'' or Less	386	27825	77	6050	-	-	-	-
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26''	56	7305	15	1695	-	-	-	-
3209	Horizontal Machining Centers, ATC, NC	129	18111	34	5261	-	-	-	-
3211	Machining Centers, NC, N.E.C.	160	17843	35	4587	-	-	-	-
3212	Single Station and Multi-Station Transfer Machines	18	2970	3	727	-	-	-	-
3213	Way Type Machines (Unit Heads)	-	-	-	-	-	-	-	-
3217	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	8	1935	1	150	-	-	-	-
3218	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	-	-	-	-	-	-	-	-
3219	Vertical Boring-Drilling-Milling Machines,NC	27	4123	1	135	-	-	-	-
3222	Horiz. Boring-Drilling-Milling Machines,non-NC	57	6846	7	746	-	-	-	-
3223	Vertical Boring-Drilling-Milling Machines,non-NC	1318	5295	185	868	-	-	-	-
3228	Drilling Machines,NC	1	22	1	22	-	-	-	-
3229	Drilling Machines, Multi-Spindle, non-NC	37	1183	3	500	-	-	-	-
3234	Drilling Machines, Radial, non-NC	433	3649	124	1218	-	-	-	-
3236	Drilling Machines, Upright, Single Spindle, non-NC	53	299	15	58	-	-	-	-
3242	Drilling Machines, non-NC, N.E.C.	105	3225	18	446	-	-	-	-
3264	Milling Machines, NC	73	7741	34	1659	-	-	-	-
3266	Milling Machines, Profiling, Dupl. & Die Sinking, non-NC	86	2269	5	132	-	-	-	-
3267	Milling Machines, Knee Type, non-NC	913	9895	242	2761	-	-	-	-
3268	Milling Machines, Bed Type, non-NC	74	3140	19	474	-	-	-	-
3269	Milling Machines, non-NC, N.E.C.	1254	10907	250	3258	-	-	-	-
3276	Vertical Boring Machines, incl. VTL's, NC	16	2837	8	305	-	-	-	-
3277	Vertical Boring Machines, incl. VTL's, non-NC	74	4658	17	1067	-	-	-	-
3281	Boring Machines, NC, N.E.C.	6	1248	2	482	-	-	-	-
3283	Boring Machines, non-NC, N.E.C.	60	6156	15	1208	-	-	-	-
3507	Horizontal Lathes, NC, Less Than 25 HP	619	38595	131	8584	-	-	-	-
3509	Horizontal Lathes, NC, 25-50 HP	305	28461	77	7431	-	-	-	-
3511	Horizontal Lathes, NC, Over 50 HP	92	15938	25	4543	-	-	-	-
3512	Horizontal Engine & Toolroom Lathes, non-NC	2302	26052	490	5879	-	-	-	-
3513	Automatic Chucking Lathes, Single Spindle, non-NC	48	831	14	67	-	-	-	-
3514	Automatic Chucking Lathes, Multi-Spindle, non-NC	65	1935	2	56	-	-	-	-
3515	Automatic Bar Machines, Single Spindle, non-NC	64	2868	3	165	-	-	1	124
3516	Automatic Bar Machines, Multi-Spindle, non-NC	32	1550	1	34	-	-	-	-
3518	Horizontal Lathes, non-NC, N.E.C.	284	7872	50	1306	-	-	-	-
3521	Vertical Lathes, excl. VTL's, NC	99	10140	18	1645	-	-	-	-
3522	Vertical Lathes, excl. VTL's, non-NC	525	10537	90	3019	-	-	1	5
3527	Gear Tooth Grinding & Finishing Machines	34	2676	5	992	-	-	-	-
3528	Tool & Cutter Grinding Machines, NC	10	727	1	95	-	-	-	-
3529	Tool & Cutter Grinding Machines, non-NC	337	6622	51	1587	-	-	-	-
3533	Honing & Lapping Machines	67	2636	9	278	-	-	-	-
3539	Grinding Machines, Flat Surface, NC	7	931	-	-	-	-	-	-
3541	Grinding Machines, Flat Surface Reciprocating Table,non-NC	278	4709	34	690	-	-	-	-
3543	Grinding Machines, Flat Surface, non-NC, N.E.C.	413	6432	70	1653	-	-	-	-
3546	Grinding & Polishing Machines, NC, N.E.C.	11	1171	4	543	-	-	-	-
3554	External Grinding Machines, non-NC	131	4633	25	1200	-	-	1	10
3556	Internal Grinding Machines, non-NC	56	1627	12	441	-	-	-	-
3558	Grinding, Polishing & Buffing Machines, non-NC, N.E.C.	74	1688	16	354	-	-	-	-
3559	Grinding Machines, non-NC, N.E.C.	238	6077	41	1089	-	-	-	-
3562	Traveling Wire Electrical Discharge Machines	97	6187	15	1049	-	-	-	-
3564	All Other Electrical Discharge Machines	47	2577	18	1665	-	-	-	-
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	15	1282	8	781	-	-	6	114
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, non-NC	34	843	11	284	-	-	-	-
3576	Metal Cutting Machine Tools, NC, N.E.C.	17	948	4	386	-	-	-	-
3577	Sawing & Cut-off Machines, non-NC	356	5035	82	1002	-	-	-	-
3578	Broaching Machines, non-NC	14	974	4	195	-	-	-	-
3579	Metal Cutting Machine Tools, non-NC, N.E.C.	189	7376	55	2141	-	-	-	-
4000	Metal Cutting Machine Tools, Used or Rebuilt*	4600	14089	618	3851	-	-	4	18
5000	Metal Cutting Machine Tools, Less Than $2500*	332367	23492	64380	4883	-	-	-	-
	TOTAL CUTTING			67484	92969	-	-	13	271
	TOTAL CUTTING YTD	389196	403982			821	601	75	822
674:	METAL FORMING								
1010	Die Casting Machines	82	2018	6	190	-	-	-	-
3582	Metal Forming Machine Tools, Used or Rebuilt	175	1584	49	736	-	-	-	-
3583	Metal Forming Machine Tools, Less Than $2500	13227	2178	2149	320	80	1	-	-
3584	Punching & Shearing Machines, incl. Combination, NC	72	8307	12	1414	-	-	-	-
3586	Shearing Machines, non-NC	174	2441	49	555	-	-	-	-
3587	Punching & Combination Punching & Shearing Machines, non-NC	267	2949	146	1606	-	-	-	-
3588	Bending, Folding, Straightening & Flattening Machines, NC	13	1335	3	52	-	-	-	-
3589	Press Brakes, non-NC	115	2318	18	298	-	-	3	128
3591	Bending Rolls, Ram & Press Bending Machines, non-NC	37	1493	12	1019	-	-	-	-
3592	Bending,Folding,Str. & Flattening Machines, non-NC, N.E.C.	341	6727	163	2156	1	8	-	-
3593	Metal Forming Machine Tools, NC, N.E.C.	6	1742	1	1355	1	1355	-	-
3594	Mechanical Presses, non-NC	45	1736	10	346	-	-	-	-
3595	Hydraulic Presses, Vertical, Single Action, non-NC	45	1293	22	611	-	-	-	-
3596	Hydraulic & Pneumatic Presses, non-NC, N.E.C.	79	7261	10	3307	-	-	-	-
3597	Headers & Upsetters, non-NC	62	4463	20	2274	-	-	2	222
3598	Forging Machines, non-NC, N.E.C.	15	4710	-	-	-	-	-	-
3599	Metal Forming Machine Tools, non-NC, N.E.C.	249	13186	79	2813	-	-	1	29
	TOTAL FORMING			2749	19056	82	1359	6	380
	TOTAL FORMING YTD	14964	65806			82	1359	20	787
	TOTAL ALL TYPES			70233	112025	82	1359	19	690
	TOTAL ALL TYPES YTD	364162	460788			863	1960	95	1569

Source: U.S. Department of Commerce, Census Report No. IM146; National Machine Tool Builders' Association.

NOTES: 1) a/Dollar amount less than $500; 2) N.E.C. - Not Elsewhere Classified; 3) Individual items may not add to totals due to rounding.
4) Machine tool imports, as reflected in the government statistics, are actually undervalued since they reflect values in the country of origin and do not include ocean freight, insurance, dealer's commission or import duties.
5) Beginning in January 1980, foreign trade data for die casting machines are included in the metal forming total. U.S. die casting imports are not available for previous years.
*Code 6744000 shown above represents combined data from codes 674:3015,3215,3226,3261,3272,3502,3524 & 3573.
Code 6745000 shown above represents combined data from codes 674:3227,3262,3273,3503,3526 & 3574.

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
APRIL 1982

	CZECHO.		DENMARK		E. GERMANY		FRANCE		ITALY		NETHERLANDS		NORWAY	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3035	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3212	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3222	1	37	-	-	-	-	-	-	-	-	-	-	-	-
3223	1	7	-	-	-	-	-	-	1	17	-	-	-	-
3228	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3229	-	-	-	-	-	-	-	-	2	20	-	-	-	-
3234	-	-	-	-	-	-	-	-	9	52	-	-	-	-
3236	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3242	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	5	100	-	-	-	-
3269	1	9	-	-	2	41	-	-	6	207	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3507	-	-	-	-	-	-	6	374	4	162	-	-	-	-
3509	-	-	-	-	-	-	-	-	3	182	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	4	31	-	-	-	-	-	-	4	88	-	-	-	-
3513	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3514	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	1	7	-	-	-	-
3521	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3522	2	15	-	-	-	-	-	-	2	70	-	-	-	-
3527	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	2	35	1	14	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3539	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3543	-	-	-	-	-	-	-	-	16	510	-	-	-	-
3546	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3554	2	15	-	-	-	-	-	-	-	-	-	-	-	-
3556	-	-	-	-	-	-	-	-	-	-	1	41	-	-
3558	-	-	4	21	-	-	-	-	1	20	-	-	-	-
3559	-	-	2	5	-	-	-	-	10	121	-	-	-	-
3562	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3564	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3571	-	-	4	26	-	-	-	-	-	-	-	-	-	-
3576	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3577	-	-	4	67	-	-	-	-	6	158	-	-	-	-
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3579	-	-	2	56	-	-	-	-	20	88	-	-	-	-
4000	2	39	-	-	9	35	2	1	9	80	6	35	2	112
5000	-	-	11	5	-	-	173	108	985	195	76	18	-	-
CUT MO.	13	153	27	181	11	75	181	483	1086	2120	84	107	2	112
CUT YTD	75	973	130	392	37	481	953	3677	7572	12814	256	700	4	116
1010	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	33	21	19	21	23	21	-	-
3584	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3586	-	-	1	14	-	-	-	-	7	54	-	-	-	-
3587	-	-	-	-	-	-	-	-	4	39	-	-	-	-
3588	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3589	-	-	3	33	-	-	-	-	-	-	-	-	-	-
3591	-	-	2	7	-	-	1	69	5	20	-	-	-	-
3592	-	-	-	-	-	-	-	-	21	211	-	-	-	-
3593	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	16	591	-	-	-	-
3596	-	-	1	19	-	-	-	-	-	-	-	-	-	-
3597	-	-	-	-	-	-	-	-	2	358	-	-	-	-
3598	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3599	-	-	1	18	-	-	3	110	10	81	3	46	2	104
FRM MO.	-	-	8	91	-	-	37	200	84	1376	26	67	2	104
FRM YTD	-	-	25	330	-	-	663	2520	458	3560	42	252	7	369
TOT MO.	13	153	35	272	11	75	218	683	1170	3496	110	174	4	215
TOT YTD	75	973	155	721	37	481	1616	6197	8030	16374	298	952	11	485

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
APRIL 1982

674	POLAND UNITS	POLAND $000	PORTUGAL UNITS	PORTUGAL $000	SPAIN UNITS	SPAIN $000	SWEDEN UNITS	SWEDEN $000	SWITZERLAND UNITS	SWITZERLAND $000	U. KINGDOM UNITS	U. KINGDOM $000	W. GERMANY UNITS	W. GERMANY $000
3025	-	-	-	-	-	-	-	-	2	57	-	-	-	-
3035	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	4	913	1	343
3204	-	-	-	-	-	-	-	-	-	-	1	421	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	2	602
3212	-	-	-	-	-	-	-	-	2	585	-	-	1	141
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	1	150	-	-	-	-	-	-	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3222	-	-	-	-	-	-	-	-	-	-	3	322	-	-
3223	-	-	-	-	-	-	-	-	-	-	1	2	14	491
3228	-	-	-	-	1	22	-	-	-	-	-	-	-	-
3229	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3234	13	139	-	-	17	168	-	-	-	-	2	24	1	13
3236	-	-	-	-	9	25	1	10	-	-	-	-	1	7
3242	-	-	-	-	-	-	-	-	3	322	1	6	12	53
3264	-	-	-	-	-	-	3	336	3	327	-	-	1	73
3266	-	-	-	-	-	-	-	-	-	-	3	23	-	-
3267	17	275	-	-	46	383	-	-	-	-	18	559	7	123
3268	-	-	-	-	1	66	-	-	-	-	1	31	-	-
3269	-	-	-	-	-	-	-	-	6	252	3	1176	8	388
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	6	355	-	-	-	-	-	-	1	139	1	17	1	228
3281	-	-	-	-	-	-	-	-	-	-	1	398	-	-
3283	-	-	-	-	-	-	-	-	1	3	4	55	9	957
3507	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3509	-	-	-	-	-	-	3	185	1	182	-	-	2	133
3511	-	-	-	-	-	-	1	224	-	-	2	288	2	496
3512	11	295	-	-	6	189	-	-	1	7	76	1223	10	147
3513	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3514	-	-	-	-	-	-	-	-	-	-	1	16	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	1	34	-	-	-	-
3518	-	-	-	-	-	-	-	-	1	119	1	142	1	8
3521	-	-	-	-	-	-	2	186	1	221	-	-	-	-
3522	1	70	-	-	-	-	-	-	-	-	26	954	2	920
3527	-	-	-	-	-	-	-	-	3	710	-	-	1	110
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	10	845	13	155	14	493
3533	-	-	-	-	-	-	-	-	-	-	6	74	2	201
3539	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	8	297
3543	8	58	-	-	3	67	-	-	5	27	6	408	3	127
3546	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3554	-	-	-	-	-	-	-	-	6	350	4	100	1	41
3556	-	-	-	-	2	54	-	-	1	78	-	-	1	72
3558	-	-	-	-	-	-	-	-	1	107	-	-	3	138
3559	-	-	-	-	-	-	-	-	1	101	1	32	6	161
3562	-	-	-	-	-	-	-	-	4	450	-	-	-	-
3564	-	-	-	-	-	-	-	-	9	235	5	1295	-	-
3567	-	-	-	-	-	-	-	-	-	-	1	483	-	-
3571	-	-	-	-	-	-	-	-	1	49	1	5	3	154
3576	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3577	-	-	-	-	9	57	-	-	4	74	9	24	16	238
3578	-	-	-	-	-	-	-	-	-	-	-	-	4	195
3579	-	-	-	-	-	-	-	-	-	-	4	155	5	929
4000	1	3	-	-	-	-	2	5	15	351	242	1450	59	990
5000	-	-	-	-	1	2	23	28	255	23	807	197	152	98
CUT MO.	57	1196	-	-	96	1184	35	973	338	5647	1248	10947	393	9366
CUT YTD	111	2848	44	143	733	7838	300	4088	971	22012	3234	40611	3079	46181
1010	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	2	118	28	389	5	112
3583	-	-	-	-	1	2	27	47	72	1	3	1	216	28
3584	-	-	-	-	-	-	-	-	3	339	-	-	4	517
3586	-	-	-	-	-	-	-	-	-	-	19	105	4	52
3587	-	-	-	-	-	-	-	-	63	286	-	-	12	279
3588	-	-	-	-	-	-	-	-	-	-	-	-	3	52
3589	-	-	-	-	-	-	-	-	-	-	3	18	-	-
3591	-	-	-	-	-	-	3	144	-	-	1	779	-	-
3592	-	-	-	-	96	832	-	-	1	12	1	171	20	579
3593	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	2	134
3595	-	-	-	-	-	-	-	-	-	-	1	6	-	-
3596	-	-	-	-	-	-	1	2524	1	8	1	3	2	538
3597	-	-	-	-	-	-	-	-	5	722	-	-	7	872
3598	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3599	-	-	-	-	1	21	5	378	4	70	9	181	33	1275
FRN MO.	-	-	-	-	88	855	36	3093	151	1556	66	1653	308	4436
FRN YTD	-	-	-	-	118	974	132	4423	592	5116	400	4436	926	18493
TOT MO.	57	1196	-	-	184	2039	71	4066	489	7203	1314	12600	661	13802
TOT YTD	111	2848	44	143	851	8812	432	8511	1563	27128	3634	45047	4005	64674

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
APRIL 1982

	YUGOSLAVIA		CANADA		INDIA		JAPAN		TAIWAN		AUSTRALIA		ALL OTHERS	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	-	-	-	-	-	-	2	85	-	-	-	-	4	304
3035	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	76	5629	-	-	-	-	-	-
3206	-	-	-	-	-	-	15	1695	-	-	-	-	-	-
3209	-	-	-	-	-	-	34	5261	-	-	-	-	-	-
3211	-	-	-	-	-	-	31	3591	1	42	-	-	1	352
3212	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	1	135	-	-	-	-	-	-	-	-	-	-	-	-
3222	2	270	-	-	-	-	1	118	-	-	-	-	-	-
3223	-	-	-	-	-	-	2	207	156	79	-	-	10	65
3228	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3229	-	-	1	481	-	-	-	-	-	-	-	-	-	-
3234	-	-	-	-	-	-	45	464	26	280	-	-	11	67
3236	-	-	-	-	-	-	2	9	2	6	-	-	-	-
3242	-	-	-	-	-	-	1	61	-	-	-	-	1	4
3264	-	-	-	-	1	11	23	852	3	60	-	-	-	-
3266	-	-	-	-	-	-	2	109	-	-	-	-	-	-
3267	-	-	54	819	-	-	17	330	71	211	-	-	12	62
3268	-	-	-	-	-	-	6	164	-	-	-	-	6	114
3269	-	-	-	-	-	-	3	270	208	787	-	-	13	130
3276	-	-	-	-	-	-	4	305	-	-	-	-	-	-
3277	-	-	-	-	-	-	3	261	3	9	-	-	2	58
3281	-	-	-	-	-	-	1	84	-	-	-	-	-	-
3283	-	-	1	193	-	-	-	-	-	-	-	-	-	-
3507	-	-	-	-	-	-	119	7979	1	32	-	-	1	37
3509	-	-	-	-	-	-	68	6749	-	-	-	-	-	-
3511	-	-	-	-	-	-	20	3536	-	-	-	-	-	-
3512	-	-	4	44	1	11	23	972	198	1330	-	-	152	1541
3513	-	-	-	-	-	-	-	-	4	16	-	-	10	51
3514	-	-	-	-	-	-	1	41	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	2	41
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	8	696	26	267	-	-	12	68
3521	-	-	4	108	-	-	8	1017	3	114	-	-	-	-
3522	-	-	1	3	-	-	7	729	43	192	-	-	5	61
3527	-	-	-	-	-	-	1	171	-	-	-	-	-	-
3528	-	-	-	-	-	-	1	95	-	-	-	-	-	-
3529	-	-	1	4	-	-	2	6	6	28	-	-	2	8
3533	-	-	1	4	-	-	-	-	-	-	-	-	-	-
3539	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	21	317	-	-	-	-	5	77
3543	1	9	-	-	-	-	19	399	8	35	-	-	1	14
3546	-	-	-	-	-	-	4	543	-	-	-	-	-	-
3554	-	-	-	-	-	-	2	581	8	86	-	-	1	18
3556	-	-	-	-	-	-	5	164	-	-	-	-	2	32
3558	-	-	-	-	-	-	2	37	5	29	-	-	-	-
3559	-	-	5	487	-	-	5	121	9	52	-	-	2	8
3562	-	-	-	-	-	-	11	599	-	-	-	-	-	-
3564	-	-	-	-	-	-	3	128	-	-	-	-	1	7
3567	-	-	-	-	-	-	1	184	-	-	-	-	-	-
3571	-	-	-	-	-	-	1	41	1	9	-	-	-	-
3576	-	-	-	-	-	-	4	386	-	-	-	-	-	-
3577	-	-	-	-	-	-	16	228	16	63	-	-	2	94
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3579	-	-	12	69	-	-	12	845	-	-	-	-	-	-
4000	-	-	8	34	-	-	14	166	235	42	-	-	8	92
5000	-	-	803	166	10	11	7423	1127	53556	2748	-	-	105	116
CUT MO.	4	414	895	2412	12	33	8069	47346	54589	6516	-	-	371	3421
CUT YTD	60	1261	3391	7524	74	952	33868	194943	291735	32652	1	90	1674	22189
1010	-	-	5	178	-	-	1	12	-	-	-	-	-	-
3582	-	-	9	91	-	-	4	17	1	9	-	-	-	-
3583	-	-	278	56	-	-	449	90	958	29	-	-	30	2
3584	-	-	-	-	-	-	5	558	-	-	-	-	-	-
3586	-	-	-	-	-	-	18	330	-	-	-	-	-	-
3587	-	-	-	-	-	-	67	1003	-	-	-	-	-	-
3588	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3589	-	-	2	49	-	-	7	70	-	-	-	-	-	-
3591	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3592	-	-	21	240	-	-	11	99	-	-	-	-	1	8
3593	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3594	-	-	3	28	-	-	5	184	-	-	-	-	-	-
3595	-	-	5	14	-	-	-	-	-	-	-	-	-	-
3596	-	-	1	31	-	-	3	183	-	-	-	-	-	-
3597	-	-	-	-	-	-	4	101	-	-	-	-	-	-
3598	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3599	-	-	4	464	-	-	2	32	-	-	-	-	1	4
FRM MO.	-	-	328	1152	-	-	576	2679	959	38	-	-	32	15
FRM YTD	-	-	1009	4091	4	1	5963	17964	4399	385	3	1	161	777
TOT MO.	4	414	1223	3564	12	33	8645	50025	55548	6555	-	-	403	3436
TOT YTD	60	1261	4400	11615	78	953	39831	212907	296134	33037	4	91	1835	22965

APRIL 1982 - U.S. IMPORTS OF MACHINE TOOLS
Total and Countries of Origin
The following is a breakdown of the activity by country which is included in the ALL OTHER column on page 8.

	METAL CUTTING UNITS	METAL CUTTING $000	METAL FORMING UNITS	METAL FORMING $000	TOTAL UNITS	TOTAL $000
EUROPE						
AZORES	-	-	-	-	-	-
BULGARIA	-	-	-	-	-	-
CYPRUS	-	-	-	-	-	-
FINLAND	46	17	1	4	47	21
GREECE	-	-	-	-	-	-
HUNGARY	8	496	-	-	8	496
ICELAND	-	-	-	-	-	-
IRELAND	-	-	-	-	-	-
ROMANIA	13	271	-	-	13	271
USSR	-	-	-	-	-	-
GIBRALTAR	-	-	-	-	-	-
MALTA	-	-	-	-	-	-
TOTAL	67	784	1	4	68	788
OTHER N.AC.AM						
BAHAMAS	-	-	-	-	-	-
BARBADOS	-	-	-	-	-	-
BELIZE	-	-	-	-	-	-
BERMUDA	-	-	-	-	-	-
CAYMAN	-	-	-	-	-	-
COSTA RICA	-	-	-	-	-	-
DOMINICAN REP.	-	-	-	-	-	-
FR. W. INDIES	-	-	-	-	-	-
GUATEMALA	-	-	-	-	-	-
HAITI	-	-	-	-	-	-
HONDURAS	-	-	-	-	-	-
JAMAICA	-	-	-	-	-	-
LW & WW IS.	-	-	-	-	-	-
MEXICO	-	-	29	1	29	1
NICARAGUA	-	-	-	-	-	-
N. ANTILLES	-	-	-	-	-	-
PANAMA	-	-	-	-	-	-
SALVADOR	-	-	-	-	-	-
TRINIDAD	-	-	-	-	-	-
TOTAL	-	-	29	1	29	1
OTHER S. AMER						
ARGENTINA	1	11	-	-	1	11
BOLIVIA	-	-	-	-	-	-
BRAZIL	18	270	-	-	18	270
CHILE	-	-	-	-	-	-
COLOMBIA	-	-	-	-	-	-
ECUADOR	-	-	-	-	-	-
FRENCH GUIANA	-	-	-	-	-	-
GUYANA	-	-	-	-	-	-
PARAGUAY	-	-	-	-	-	-
PERU	-	-	-	-	-	-
SURINAM	-	-	-	-	-	-
URUGUAY	-	-	-	-	-	-
VENEZUELA	-	-	-	-	-	-
TOTAL	19	281	-	-	19	281
OTHER ASIA						
AFGHANISTAN	-	-	-	-	-	-
ADEN	-	-	-	-	-	-
ARAB EMIRATES	-	-	-	-	-	-
BAHRAIN	-	-	-	-	-	-
BANGLADASH	-	-	-	-	-	-
BRUNEI	-	-	-	-	-	-
BURMA	-	-	-	-	-	-
CHINA	81	223	-	-	81	223
GAZA STRIP	-	-	-	-	-	-
HONG KONG	7	35	-	-	7	35
INDONESIA	-	-	-	-	-	-
IRAN	-	-	-	-	-	-
IRAQ	-	-	-	-	-	-
ISRAEL	2	98	-	-	2	98
JORDAN	-	-	-	-	-	-
KOREAN REP.	198	1299	-	-	198	1299
KUWAIT	-	-	-	-	-	-
LEBANON	-	-	-	-	-	-
MALAYSIA	-	-	-	-	-	-
NEPAL	-	-	-	-	-	-
OMAN	-	-	-	-	-	-
PAKISTAN	-	-	-	-	-	-
PHILLIPINES	-	-	-	-	-	-
QATAR	-	-	-	-	-	-
SAUDI ARABIA	-	-	-	-	-	-
SINGAPORE	77	756	-	-	77	756
SRI LANKA	-	-	-	-	-	-
SYRIA	-	-	-	-	-	-
THAILAND	-	-	1	1	1	1
TURKEY	-	-	-	-	-	-
YEMEN	-	-	-	-	-	-
TOTAL	285	2357	1	1	286	2359

	METAL CUTTING UNITS	METAL CUTTING $000	METAL FORMING UNITS	METAL FORMING $000	TOTAL UNITS	TOTAL $000
OTHER OCEANIA						
FR. PAC. IS.	-	-	-	-	-	-
NEW GUINEA	-	-	-	-	-	-
NEW ZEALAND	-	-	-	-	-	-
TERR. PAC. IS.	-	-	-	-	-	-
OTH. PAC. IS.	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-
OTHER AFRICA						
BOTSWANA	-	-	-	-	-	-
ALGERIA	-	-	-	-	-	-
ANGOLA	-	-	-	-	-	-
BENIN	-	-	-	-	-	-
CAMEROON	-	-	-	-	-	-
CANARY ISLANDS	-	-	-	-	-	-
DAHOMEY	-	-	-	-	-	-
EGYPT	-	-	-	-	-	-
ETHIOPIA	-	-	-	-	-	-
GABON	-	-	-	-	-	-
GHANA	-	-	-	-	-	-
GUINEA	-	-	-	-	-	-
KENYA	-	-	-	-	-	-
LIBERIA	-	-	-	-	-	-
LIBYA	-	-	-	-	-	-
MALAWI	-	-	-	-	-	-
MAURITANIA	-	-	-	-	-	-
MOROCCO	-	-	-	-	-	-
MOZAMBIQUE	-	-	-	-	-	-
NIGER	-	-	-	-	-	-
NIGERIA	-	-	-	-	-	-
REP. S. AFRICA	-	-	1	8	1	8
RWANDA	-	-	-	-	-	-
SENEGAL	-	-	-	-	-	-
SIERRA LEONE	-	-	-	-	-	-
SOMALIA	-	-	-	-	-	-
S. W. AFRICA	-	-	-	-	-	-
SUDAN	-	-	-	-	-	-
SWAZILAND	-	-	-	-	-	-
TANZANIA	-	-	-	-	-	-
TUNISIA	-	-	-	-	-	-
ZIMBABWE	-	-	-	-	-	-
WEST AFRICA	-	-	-	-	-	-
ZAIRE	-	-	-	-	-	-
	-	-	1	8	1	8

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
APRIL 1982

RELEASED: July 29, 1982

Code	Type of Machine	TOTAL YTD UNITS	TOTAL YTD $000	TOTAL MO. UNITS	TOTAL MO. $000	AUSTRIA UNITS	AUSTRIA $000	BELGIUM UNITS	BELGIUM $000
674:	METAL CUTTING								
3020	Gear Hobbers & Shapers	15	1873	10	1163	-	-	-	-
3045	Gear Cutting Machines, N.E.C.	88	10046	12	1516	-	-	-	-
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26'' or Less	19	1705	-	-	-	-	-	-
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26''	4	823	1	186	-	-	-	-
3209	Horizontal Machining Centers, ATC, NC	39	9919	10	3288	-	-	-	-
3211	Machining Centers, NC, N.E.C.	46	5119	8	817	-	-	-	-
3216	Single Station and Multi-Station Transfer Machines	14	5679	8	3186	-	-	-	-
3225	Way Type Machines (Unit Heads)	11	1513	6	610	-	-	-	-
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	7	2618	-	-	-	-	-	-
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	2	1049	1	301	-	-	-	-
3247	Vertical Boring-Drilling-Milling Machines, NC	4	1612	-	-	-	-	-	-
3248	Horiz. Boring-Drilling-Milling Machines, non-NC	10	1710	4	526	-	-	-	-
3249	Vertical Boring-Drilling-Milling Machines, non-NC	15	512	-	-	-	-	-	-
3254	Drilling Machines, NC	2	110	-	-	-	-	-	-
3255	Drilling Machines, Multi-Spindle, non-NC	18	1639	2	187	-	-	-	-
3256	Drilling Machines, Radial, non-NC	11	802	1	30	-	-	-	-
3257	Drilling Machines, Upright, Single Spindle, non-NC	29	389	5	34	-	-	-	-
3258	Drilling Machines, non-NC, N.E.C.	76	1997	22	865	-	-	-	-
3264	Milling Machines, NC	18	3650	1	41	-	-	-	-
3266	Milling Machines, Profiling, Dupl. & Die Sinking, non-NC	10	822	1	5	-	-	-	-
3267	Milling Machines, Knee Type, non-NC	-	-	-	-	-	-	-	-
3268	Milling Machines, Bed Type, non-NC	2	99	-	-	-	-	-	-
3269	Milling Machines, non-NC, N.E.C.	52	2058	6	476	-	-	-	-
3276	Vertical Boring Machines, incl. VTL's, NC	2	525	-	-	-	-	-	-
3277	Vertical Boring Machines, incl. VTL's, non-NC	30	6761	8	1989	-	-	-	-
3281	Boring Machines, NC, N.E.C.	6	631	1	78	-	-	-	-
3283	Boring Machines, non-NC, N.E.C.	32	1384	3	84	-	-	-	-
3504	Horizontal Lathes, NC, Less Than 25 HP	75	5946	14	1257	-	-	-	-
3506	Horizontal Lathes, NC, 25-50 HP	30	6483	8	1584	1	119	-	-
3508	Horizontal Lathes, NC, Over 50 HP	10	3190	1	576	-	-	-	-
3510	Horizontal Engine & Toolroom Lathes, non-NC	37	977	13	425	-	-	-	-
3511	Automatic Chucking Lathes, Single Spindle, non-NC	4	591	1	116	-	-	-	-
3512	Automatic Chucking Lathes, Multi-Spindle, non-NC	11	1824	7	981	-	-	-	-
3515	Automatic Bar Machines, Single Spindle, non-NC	17	795	3	47	-	-	-	-
3516	Automatic Bar Machines, Multi-Spindle, non-NC	14	1092	2	48	-	-	-	-
3518	Horizontal Lathes, non-NC, N.E.C.	142	4832	44	1426	-	-	-	-
3519	Vertical Lathes, excl. VTL's, NC	8	1418	-	-	-	-	-	-
3525	Vertical Lathes, excl. VTL's, non-NC	41	4315	10	1310	-	-	-	-
3528	Grinding, Polishing, Honing & Lapping Machines, NC	32	4968	8	672	-	-	-	-
3529	Gear Tooth Grinding & Finishing Machines, non-NC	48	3740	32	1654	-	-	-	-
3531	Tool & Cutter Grinding Machines, non-NC	84	2812	12	202	-	-	-	-
3532	Honing & Lapping Machines, non-NC	123	1784	14	128	-	-	-	-
3533	Grinding Machines, Flat Surface Reciprocating Table, non-NC	25	429	8	137	-	-	-	-
3538	Grinding Machines, Flat Surface, non-NC, N.E.C.	73	6415	24	1955	-	-	-	-
3541	External Grinding Machines, non-NC	24	4331	7	1012	-	-	-	-
3542	Internal Grinding Machines, non-NC	17	2605	4	360	-	-	-	-
3544	Grinding, Polishing & Buffing Machines, non-NC, N.E.C.	55	2171	10	283	-	-	-	-
3546	Grinding Machines, non-NC, N.E.C.	159	4615	20	1070	-	-	-	-
3547	Traveling Wire Electrical Discharge Machines	10	43	-	-	-	-	-	-
3549	All Other Electrical Discharge Machines	46	497	18	99	-	-	-	-
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	1	211	-	-	-	-	-	-
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, non-NC	28	664	5	90	-	-	-	-
3559	Metal Cutting Machine Tools, NC, N.E.C.	14	1059	1	19	-	-	-	-
3565	Sawing & Cut-off Machines, non-NC	152	2106	28	439	-	-	-	-
3566	Broaching Machines, non-NC	17	3664	7	284	-	-	-	-
3567	Metal Cutting Machine Tools, non-NC, N.E.C.	146	5289	28	1440	-	-	-	-
4000	Metal Cutting Machine Tools, Used or Rebuilt*	1062	11149	211	1777	-	-	1	1
5000	Metal Cutting Machine Tools, Less Than $2500*	14687	9560	3095	1779	-	-	100	102
	TOTAL CUTTING			3785	36561	1	119	101	103
	TOTAL CUTTING YTD	17754	160657			8	251	216	132
674:	METAL FORMING								
1011	Die Casting Machines & Parts	-	3682	-	798	-	-	-	-
3568	Metal Forming Machine Tools, Used or Rebuilt	385	5170	75	1065	-	-	-	-
3569	Metal Forming Machine Tools, Less Than $2500	2711	1522	840	488	-	-	7	2
3571	Punching & Shearing Machines, incl. Combination, NC	26	4013	6	2106	-	-	-	-
3573	Shearing Machines, non-NC	31	1727	3	403	-	-	-	-
3575	Punching & Combination Punching & Shearing Machines, non-NC	269	8819	33	834	-	-	-	-
3578	Bending, Folding, Straightening & Flattening Machines, NC	47	2938	2	136	-	-	-	-
3582	Press Brakes, non-NC	62	1181	4	198	-	-	-	-
3583	Bending Rolls, Ram & Press Bending Machines, non-NC	31	1823	1	441	-	-	-	-
3584	Bending,Folding,Str. & Flattening Machines, non-NC, N.E.C.	173	8750	19	912	-	-	-	-
3588	Mechanical Presses, non-NC	90	8315	17	2571	-	-	-	-
3589	Hydraulic Presses, Vertical, Single Action, non-NC	19	1253	4	181	-	-	-	-
3590	Hydraulic & Pneumatic Presses, non-NC, N.E.C.	136	11189	29	2282	-	-	2	26
3594	Headers & Upsetters, non-NC	14	2580	5	734	-	-	-	-
3595	Forging Machines, non-NC, N.E.C.	44	4601	14	362	-	-	-	-
3598	Metal Forming Machine Tools, non-NC, N.E.C.	380	16171	60	1883	-	-	-	-
	TOTAL FORMING			1112	15396	-	-	9	28
	TOTAL FORMING YTD	4387	99356			2	172	45	68
	TOTAL ALL TYPES			4857	51957	1	119	110	131
	TOTAL ALL TYPES YTD	22141	260009			10	423	261	200

Source: U.S. Department of Commerce, Census Report No. EM522; National Machine Tool Builders' Association.

NOTES: 1) a/Dollar amount less than $500; 2) N.E.C. - Not Elsewhere Classified; 3) Individual items may not add to totals due to rounding.
4) Beginning in January 1980, foreign trade data for die casting machines are included in the metal forming total.
For 1979, U.S. die casting exports were $8,584,000.

*Code 6744000 shown above represents combined data from codes 674:3015,3241,3252,3261,3272,3501,3526 & 3554.
Code 6745000 shown above represents combined data from codes 674:3243,3253,3262,3273,3502,3527 & 3557.

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
APRIL 1982

	DENMARK UNITS	DENMARK $000	FINLAND UNITS	FINLAND $000	FRANCE UNITS	FRANCE $000	GREECE UNITS	GREECE $000	IRELAND UNITS	IRELAND $000	ITALY UNITS	ITALY $000	NETHERLANDS UNITS	NETHERLANDS $000
674:														
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	1	174	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	1	437	-	-	-	-	-	-	-	-	-	-
3211	1	82	-	-	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	4	800	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	2	47	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	1	196	-	-	-	-
3508	-	-	-	-	1	576	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	1	34	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	2	232	-	-	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	20	1080	-	-
3531	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3532	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3538	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3546	-	-	-	-	1	115	-	-	-	-	1	277	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	3	38	-	-	-	-	-	-	3	47
5000	45	23	5	4	-	-	-	-	-	-	-	-	-	-
CUT MO.	46	105	6	441	10	1563	-	-	3	428	24	1577	3	47
CUT YTD	277	611	13	1850	89	5944	6	167	18	1274	701	2574	112	507
1011	-	-	-	-	-	6	-	-	-	12	-	29	-	5
3568	1	1	-	-	-	-	-	-	-	-	-	-	-	-
3569	14	16	-	-	24	9	24	7	-	-	3	1	1	1
3571	-	-	-	-	1	136	-	-	-	-	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3575	-	-	-	-	7	91	-	-	-	-	-	-	-	-
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3588	-	-	-	-	2	165	-	-	-	-	1	13	-	-
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3590	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3598	3	18	-	-	2	161	-	-	-	-	2	216	-	-
FRM MO.	18	31	-	-	36	568	24	7	-	-	6	259	1	6
FRM YTD	36	54	6	3766	125	1721	25	908	10	400	18	4127	66	1545
TOT MO.	64	136	6	441	46	2131	24	7	3	441	30	1836	4	53
TOT YTD	313	665	19	5616	214	7665	31	1075	28	1673	719	6702	178	2052

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
APRIL 1982

	NORWAY		POLAND		ROMANIA		SPAIN		SWEDEN		SWITZERLAND		U. KINGDOM	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	-	-	1	107	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	2	666	1	122
3211	-	-	-	-	-	-	-	-	-	-	-	-	1	186
3216	-	-	-	-	-	-	-	-	-	-	-	-	1	780
3225	-	-	-	-	-	-	-	-	-	-	-	-	5	216
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	1	301	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	2	8
3258	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	-	-	-	-	1	129
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	8	236
3506	-	-	-	-	-	-	-	-	-	-	-	-	2	185
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	1	6	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	-	-	-	-	3	85
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	-	-	-	-	-	-	2	232
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3532	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	-	-	-	-	1	15	-	-	-	-	-	-
3538	-	-	-	-	-	-	-	-	-	-	-	-	2	500
3541	-	-	-	-	-	-	-	-	-	-	-	-	2	43
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3546	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	-	-	-	-	-	-	-	-	2	11
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	1	13
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	6	77	-	-
4000	-	-	-	-	-	-	-	-	1	6	-	-	16	137
5000	5	5	-	-	-	-	-	-	-	-	46	5	827	176
CUT MO.	8	5	-	-	-	-	8	519	1	6	52	968	873	3209
CUT YTD	12	9	-	-	2	1177	12	1959	120	790	117	2731	963	11867
1011	-	29	-	-	-	-	-	79	-	-	-	-	-	6
3568	-	-	-	-	-	-	-	-	-	-	-	-	1	20
3569	4	2	-	-	-	-	-	-	-	-	-	-	13	6
3571	-	-	-	-	-	-	1	512	-	-	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3575	-	-	-	-	-	-	-	-	-	-	-	-	1	6
3578	-	-	-	-	-	-	-	-	-	-	-	-	1	60
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	-	-	-	-	-	-	-	-	1	50	2	57
3588	-	-	-	-	-	-	-	-	1	99	-	-	-	-
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3590	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3598	-	-	-	-	-	-	-	-	-	-	1	19	3	61
FRM MO.	4	31	-	-	-	-	1	591	1	99	2	87	21	216
FRM YTD	8	42	-	-	-	-	53	1957	12	908	16	342	134	4000
TOT MO.	12	37	-	-	-	-	9	1110	2	105	54	1055	894	3425
TOT YTD	20	51	-	-	2	1177	65	3511	132	1698	133	3079	1097	15867

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
APRIL 1982

STC:	USSR UNITS	USSR $000	W. GERMANY UNITS	W. GERMANY $000	YUGOSLAVIA UNITS	YUGOSLAVIA $000	CANADA UNITS	CANADA $000	MEXICO UNITS	MEXICO $000	OTH. LAT AM UNITS	OTH. LAT AM $000	ARGENTINA UNITS	ARGENTINA $000
3020	-	-	1	215	-	-	1	400	-	-	-	-	-	-
3045	-	-	1	372	-	-	-	-	1	35	1	10	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	2	821	-	-	-	-	-	-
3211	-	-	1	108	-	-	2	168	-	-	-	-	-	-
3216	-	-	-	-	-	-	7	2406	-	-	-	-	-	-
3225	-	-	-	-	-	-	1	373	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	1	115	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	1	30	-	-	-	-
3257	-	-	-	-	-	-	-	-	2	20	-	-	-	-
3258	-	-	-	-	-	-	12	208	7	252	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	1	5	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	1	13	-	-	2	300	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	1	480	-	-	1	160	2	609	-	-	-	-
3281	-	-	-	-	-	-	-	-	1	78	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	9	296	-	-	-	-	-	-
3506	-	-	1	895	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	3	43	-	-	-	-	-	-
3511	-	-	-	-	-	-	1	116	-	-	-	-	-	-
3512	-	-	-	-	-	-	6	851	-	-	-	-	-	-
3515	-	-	-	-	-	-	1	6	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	2	48	-	-	-	-
3518	-	-	-	-	-	-	7	370	8	357	-	-	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	1	248	-	-	-	-	8	404	-	-	1	25
3528	-	-	-	-	-	-	1	143	2	66	-	-	-	-
3529	-	-	-	-	-	-	8	233	2	27	-	-	-	-
3531	-	-	-	-	-	-	3	19	8	93	-	-	-	-
3532	-	-	8	79	-	-	8	37	1	3	-	-	-	-
3533	-	-	-	-	-	-	6	26	-	-	-	-	-	-
3538	-	-	1	9	-	-	3	195	12	1125	-	-	-	-
3541	-	-	-	-	-	-	1	272	-	-	-	-	1	222
3542	1	50	-	-	-	-	-	-	1	20	-	-	-	-
3544	-	-	1	66	-	-	7	116	-	-	-	-	-	-
3546	-	-	1	30	1	91	2	7	6	169	-	-	1	368
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3548	-	-	9	23	-	-	3	48	-	-	1	1	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	1	17	-	-	-	-
3558	-	-	-	-	-	-	-	-	1	19	-	-	-	-
3560	-	-	-	-	-	-	10	91	1	28	-	-	-	-
3566	-	-	-	-	-	-	1	29	2	99	-	-	-	-
3567	-	-	1	130	-	-	2	17	7	298	-	-	-	-
4000	-	-	-	-	-	-	27	208	120	926	8	2	-	-
5000	-	-	130	98	-	-	579	486	89	[illegible]	22	8	-	-
CUT MO.	1	50	167	2057	1	91	710	7931	237	[illegible]	28	22	3	615
CUT YTD	1	50	901	6815	1	91	6277	29347	1781	33521	106	511	95	2825

STC:	USSR UNITS	USSR $000	W. GERMANY UNITS	W. GERMANY $000	YUGOSLAVIA UNITS	YUGOSLAVIA $000	CANADA UNITS	CANADA $000	MEXICO UNITS	MEXICO $000	OTH. LAT AM UNITS	OTH. LAT AM $000	ARGENTINA UNITS	ARGENTINA $000
1011	-	-	-	26	-	-	-	170	-	23	-	7	-	-
3568	-	-	1	5	-	-	10	152	21	934	1	3	-	-
3569	-	-	68	26	-	-	198	193	95	83	10	5	-	-
3571	-	-	-	-	-	-	-	-	3	1321	-	-	-	-
3573	-	-	-	-	-	-	1	70	-	-	-	-	-	-
3575	-	-	-	-	-	-	12	77	3	117	1	6	-	-
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	1	86	-	-	3	89	5	279	-	-	-	-
3588	-	-	1	105	-	-	-	-	8	1655	1	11	-	-
3589	-	-	2	98	-	-	-	-	2	87	-	-	-	-
3590	-	-	1	79	-	-	7	326	8	1188	1	75	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	6	133	2	83	-	-	-	-
3598	-	-	7	258	-	-	15	277	15	482	-	-	-	-
FRN MO.	-	-	61	679	-	-	252	1487	163	5861	18	109	-	-
FRN YTD	-	-	103	1873	1	123	1042	10872	782	26813	98	793	-	-
TOT MO.	1	50	228	2737	1	91	962	9817	800	10618	82	125	3	615
TOT YTD	1	50	608	8289	2	218	7319	39819	2523	57935	184	1264	95	2842

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
APRIL 1982

	BRAZIL UNITS	BRAZIL $000	CHILE UNITS	CHILE $000	COLOMBIA UNITS	COLOMBIA $000	PERU UNITS	PERU $000	VENEZUELA UNITS	VENEZUELA $000	OTH. S. AM. UNITS	OTH. S. AM. $000	INDIA UNITS	INDIA $000
674:														
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	8	82
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	1	6	-	-	-	-
3258	1	196	-	-	-	-	-	-	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	2	609	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	1	6	-	-	2	5
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	18	321	-	-	-	-	-	-	-	-	1	3	1	5
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3528	2	81	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	-	-	1	62	-	-	-	-	-	-	3	26	-	-
3532	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3538	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	1	160	-	-	-	-	-	-	-	-	-	-	-	-
3542	1	230	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3546	2	10	-	-	-	-	-	-	-	-	-	-	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3564	-	-	1	7	1	10	-	-	-	-	-	-	-	-
3566	-	-	-	-	-	-	-	-	4	196	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	-	-	8	85
4000	-	-	8	12	-	-	7	20	7	194	-	-	2	19
5000	-	-	-	-	15	18	1	2	172	170	18	5	1	1
CUT MO.	27	1567	10	50	16	27	8	22	185	572	18	34	18	116
CUT YTD	68	5046	82	582	672	707	53	117	506	2161	33	222	60	2658
1011	-	-	-	-	-	-	-	-	-	73	-	-	-	-
3568	-	-	-	-	26	26	-	-	-	-	1	2	1	198
3569	3	2	8	3	3	3	-	-	81	38	-	-	-	-
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3574	-	-	-	-	-	-	-	-	2	733	-	-	-	-
3575	-	-	-	-	1	5	-	-	-	-	-	-	-	-
3578	1	77	-	-	-	-	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	1	181	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	1	17	-	-	-	-	-	-	2	32	-	-	-	-
3588	-	-	-	-	-	-	-	-	-	-	-	-	1	10
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3590	-	-	-	-	-	-	-	-	2	78	-	-	-	-
3594	-	-	-	-	1	31	-	-	-	-	-	-	-	-
3595	5	112	-	-	-	-	-	-	-	-	-	-	-	-
3598	1	20	-	-	1	5	1	20	1	78	-	-	-	-
FRM MO.	11	227	8	3	32	70	1	20	88	1168	1	2	2	208
FRM YTD	38	985	80	53	46	279	1	36	500	3482	51	333	16	1227
TOT MO.	38	1794	18	53	48	97	9	42	274	1741	19	36	20	324
TOT YTD	86	6031	122	634	718	987	54	153	1006	5642	84	555	76	3885

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
APRIL 1982

	IRAN		ISRAEL		JAPAN		KOREAN REP.		PHILLIPINES		SINGAPORE		TAIWAN	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	1	259	-	-	-	-	6	93	-	-
3045	-	-	-	-	4	883	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	1	575	-	-	-	-	-	-	1	488
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	1	426	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	1	27	-	-	-	-	1	13	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	4	533	-	-
3506	-	-	-	-	-	-	-	-	-	-	1	240	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	2	43	-	-	5	328	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	1	530	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	1	30	-	-	-	-	-	-	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	1	101	1	300	-	-	-	-	-	-	-	-
3528	-	-	-	-	1	209	-	-	-	-	-	-	-	-
3529	-	-	-	-	1	238	-	-	-	-	-	-	1	76
3531	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3532	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	-	-	-	-	1	96	-	-	-	-	-	-
3538	-	-	-	-	-	-	-	-	2	13	1	11	-	-
3541	-	-	-	-	2	315	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	1	60
3544	-	-	-	-	1	95	-	-	-	-	-	-	-	-
3546	-	-	-	-	1	2	-	-	-	-	-	-	1	3
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	-	-	2	11	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	1	8	-	-	1	20	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	-	-	-	-	2	48	1	3	-	-	-	-	1	5
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	1	5	-	-	-	-	-	-
4000	-	-	-	-	1	1	-	-	-	-	1	8	-	-
5000	-	-	19	24	37	21	5	8	372	107	5	5	1	2
CUT MO.	-	-	20	125	58	3655	12	556	379	448	20	923	6	593
CUT YTD	-	-	141	1590	577	17191	59	1885	401	917	457	6108	64	2923
1011	-	-	-	-	-	3	-	9	-	2	-	-	-	1
3568	-	-	11	109	-	-	-	-	-	-	-	-	-	-
3569	-	-	-	-	16	31	-	-	-	-	19	13	1	2
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3575	-	-	-	-	-	-	-	-	-	-	7	95	-	-
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	-	-	1	73	-	-	-	-	2	73	-	-
3588	-	-	-	-	1	475	-	-	-	-	-	-	-	-
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3590	-	-	-	-	6	478	-	-	-	-	-	-	-	-
3594	-	-	-	-	1	639	-	-	-	-	1	40	-	-
3595	-	-	-	-	1	75	-	-	-	-	-	-	-	-
3598	-	-	-	-	2	63	-	-	-	-	-	-	-	-
FRM MO.	-	-	11	109	28	1835	-	-	-	-	29	221	1	3
FRM YTD	-	-	26	1421	208	7796	190	268	88	41	100	1655	29	186
TOT MO.	-	-	31	234	86	5490	12	566	379	450	49	1143	7	596
TOT YTD	-	-	167	3010	785	24987	249	2153	489	958	557	7761	93	3109

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
APRIL 1982

	TURKEY		OTHER ASIA		AUSTRALIA		N. ZEALAND		REP./S.AFR.		OTH. AFRICA		ALL OT CTRY	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	1	186	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	2	279	1	59	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	3	100	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	1	73	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	1	99	1	9	-	-	-	-	-	-	-	-
3264	-	-	1	41	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	1	38	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	1	193	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	1	4	1	3	1	16	-	-	-	-	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3528	-	-	1	133	-	-	1	22	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	-	-	-	-	1	3	-	-	-	-	-	-	-	-
3532	-	-	-	-	-	-	-	-	-	-	1	9	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3538	-	-	2	34	-	-	-	-	-	-	-	-	1	85
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	1	6	-	-	-	-	-	-	-	-	-	-
3546	-	-	3	20	-	-	-	-	-	-	-	-	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	1	5	-	-	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	1	33	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	-	-	3	44	8	207	-	-	-	-	-	-	-	-
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	1	6	4	912	-	-
4000	-	-	1	2	6	144	3	3	-	-	1	9	-	-
5000	-	-	877	297	77	84	5	3	63	58	3	3	8	1
CUT MO.	2	279	898	1095	97	719	10	45	64	64	9	933	9	87
CUT YTD	6	437	1672	5549	849	2170	39	115	323	3510	237	2009	47	132
1011	-	-	-	4	-	-	-	-	-	-	-	315	-	-
3568	-	-	-	-	1	15	-	-	-	-	-	-	-	-
3569	-	-	-	-	-	-	-	-	267	46	-	-	-	-
3571	-	-	-	-	-	-	1	136	-	-	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3575	-	-	1	39	-	-	-	-	-	-	-	-	-	-
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3582	-	-	3	57	-	-	-	-	-	-	-	-	-	-
3583	-	-	1	441	-	-	-	-	-	-	-	-	-	-
3584	-	-	1	42	-	-	-	-	-	-	-	-	-	-
3588	-	-	1	39	-	-	-	-	-	-	-	-	-	-
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3590	-	-	-	-	-	-	-	-	1	31	-	-	1	49
3594	-	-	-	-	2	25	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3598	-	-	2	8	2	53	-	-	2	149	-	-	-	-
FRN MO.	-	-	9	629	5	93	1	136	270	227	-	-	1	49
FRN YTD	-	-	128	2880	80	1894	10	345	287	1034	43	2435	4	132
TOT MO.	2	279	907	1724	102	812	11	181	334	291	9	1248	10	136
TOT YTD	6	437	1800	8429	929	4064	49	460	610	4544	280	4444	51	264

APRIL 1982 - U.S. EXPORTS OF MACHINE TOOLS
Total and Countries of Destination
The following is a breakdown of the activity by country which is included in the ALL OTHER columns.

	METAL CUTTING UNITS	METAL CUTTING $000	METAL FORMING UNITS	METAL FORMING $000	TOTAL UNITS	TOTAL $000
EUROPE						
AZORES	-	-	-	-	-	-
BULGARIA	-	-	-	-	-	-
CYPRUS	-	-	-	-	-	-
CZECHOSLOVAKIA	-	-	-	-	-	-
E GERMANY	8	1	-	-	8	1
HUNGARY	1	85	-	-	1	85
ICELAND	-	-	-	-	-	-
PORTUGAL	-	-	-	-	-	-
GIBRALTAR	-	-	-	-	-	-
MALTA	-	-	-	-	-	-
TOTAL	9	87	-	-	9	87
OTHER N.&C.AM						
BAHAMAS	-	-	-	-	-	-
BARBADOS	1	2	-	-	1	2
BELIZE	-	-	-	-	-	-
BERMUDA	15	2	1	11	16	13
CAYMAN	-	-	-	-	-	-
COSTA RICA	2	3	-	-	2	3
DOMINICAN REP.	-	-	-	-	-	-
FR. W. INDIES	-	-	-	-	-	-
GUATEMALA	2	1	1	4	3	5
HAITI	2	1	-	-	2	1
HONDURAS	1	10	-	-	1	10
JAMAICA	1	1	1	75	2	76
LW & WW IS.	-	-	2	3	2	3
NICARAGUA	-	-	-	-	-	-
N. ANTILLES	3	2	1	1	4	2
PANAMA	-	-	5	2	5	2
SALVADOR	-	-	-	-	-	-
TRINIDAD	1	2	3	1	4	3
TOTAL	28	22	14	104	42	126
OTHER S. AMER						
BOLIVIA	-	-	-	-	-	-
ECUADOR	18	34	1	2	19	36
FRENCH GUIANA	-	-	-	-	-	-
GUYANA	-	-	-	-	-	-
PARAGUAY	-	-	-	-	-	-
SURINAM	-	-	-	-	-	-
URUGUAY	-	-	-	-	-	-
TOTAL	18	34	1	2	19	36
OTHER ASIA						
AFGHANISTAN	-	-	-	-	-	-
ADEN	-	-	-	-	-	-
ARAB EMIRATES	107	24	-	-	107	24
BAHRAIN	1	2	-	-	1	2
BANGLADASH	-	-	-	-	-	-
BRUNEI	-	-	-	-	-	-
BURMA	-	-	-	-	-	-
CHINA	4	181	-	-	4	181
GAZA STRIP	-	-	-	-	-	-
HONG KONG	6	292	2	8	8	300
INDONESIA	2	60	1	39	3	98
IRAQ	-	-	-	-	-	-
JORDAN	10	16	-	-	10	16
KUWAIT	-	-	-	-	-	-
LEBANON	11	9	-	-	11	9
MALAYSIA	1	6	-	-	1	8
NEPAL	-	-	-	-	-	-
OMAN	-	-	-	-	-	-
PAKISTAN	1	2	-	-	1	2
QATAR	-	-	-	-	-	-
SAUDI ARABIA	744	530	6	580	750	1110
SRI LANKA	-	-	-	-	-	-
SYRIA	-	-	-	-	-	-
THAILAND	11	15	-	-	11	15
YEMEN	-	-	-	-	-	-
TOTAL	898	1095	9	629	907	1724

	METAL CUTTING UNITS	METAL CUTTING $000	METAL FORMING UNITS	METAL FORMING $000	TOTAL UNITS	TOTAL $000
OTHER OCEANIA						
FR. PAC. IS.	-	-	-	-	-	-
NEW GUINEA	-	-	1	49	1	49
TERR. PAC. IS.	-	-	-	-	-	-
OTH. PAC. IS.	-	-	-	-	-	-
TOTAL	-	-	1	49	1	49
OTHER AFRICA						
BOTSWANA	-	-	-	-	-	-
ALGERIA	-	-	-	-	-	-
ANGOLA	-	-	-	-	-	-
BENIN	-	-	-	-	-	-
CAMEROON	-	-	-	-	-	-
CANARY ISLANDS	-	-	-	-	-	-
DAHOMEY	-	-	-	-	-	-
EGYPT	4	895	-	-	4	895
ETHIOPIA	-	-	-	-	-	-
GABON	-	-	-	-	-	-
GHANA	-	-	-	-	-	-
GUINEA	-	-	-	-	-	-
KENYA	-	-	-	-	-	-
LIBERIA	-	-	-	-	-	-
LIBYA	-	-	-	-	-	-
MALAWI	-	-	-	-	-	-
MAURITANIA	-	-	-	-	-	-
MOROCCO	1	9	-	-	1	9
MOZAMBIQUE	-	-	-	-	-	-
NIGER	-	-	-	-	-	-
NIGERIA	1	26	-	-	1	341
RWANDA	-	-	-	-	-	-
SENEGAL	-	-	-	-	-	-
SIERRA LEONE	-	-	-	-	-	-
SOMALIA	-	-	-	-	-	-
S. W. AFRICA	-	-	-	-	-	-
SUDAN	-	-	-	-	-	-
SWAZILAND	-	-	-	-	-	-
TANZANIA	-	-	-	-	-	-
TUNISIA	-	-	-	-	-	-
ZIMBABWE	-	-	-	-	-	-
WEST AFRICA	-	-	-	-	-	-
ZAIRE	-	-	-	-	-	-
ZAMBIA	-	-	-	-	-	-
OTH WEST AFR.	3	3	-	-	3	3
IVORY COAST	-	-	-	-	-	-
MAURITIUS	-	-	-	-	-	-
TOGO	-	-	-	-	-	-
TOTAL	9	933	-	-	9	1248

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REPORT
August 13, 1982

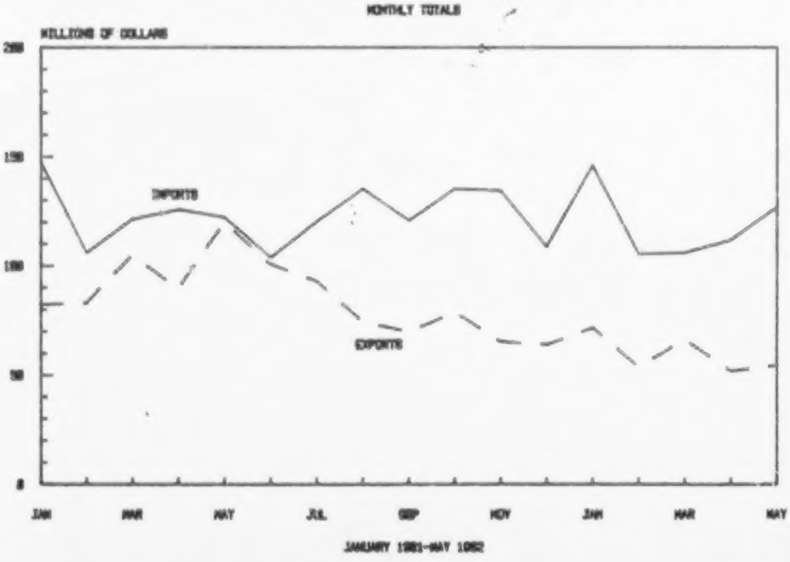
U.S. FOREIGN TRADE IN MACHINE TOOLS
MAY 1982

U.S. foreign trade in machine tools during May 1982 resulted in a trade deficit of $72.4 million for the month, bringing the trade deficit for five months of 1982 to $298.2 million. Compared to April, U.S. exports rose 5% while imports increased 13%. Year-to-date machine tool exports of $298.6 million were 38% below the same period last year. Imports, at $596.8 million, are 4% below the first five months of 1981.

U.S. Machine Tool Trade
($Millions)

May 1982	Exports	Imports	Surplus (Deficit)
Metal Cutting	$ 36.9	$110.1	($ 73.2)
Metal Forming	$ 17.7	$ 17.0	$ .7
Total	$ 54.6	$127.0	($ 72.4)
5 Mos. 1982			
Metal Cutting	$197.5	$514.0	($316.5)
Metal Forming	$101.0	$ 82.8	$ 18.2
Total	$298.6	$596.8	($298.2)

US FOREIGN TRADE--TOTAL MACHINE TOOLS



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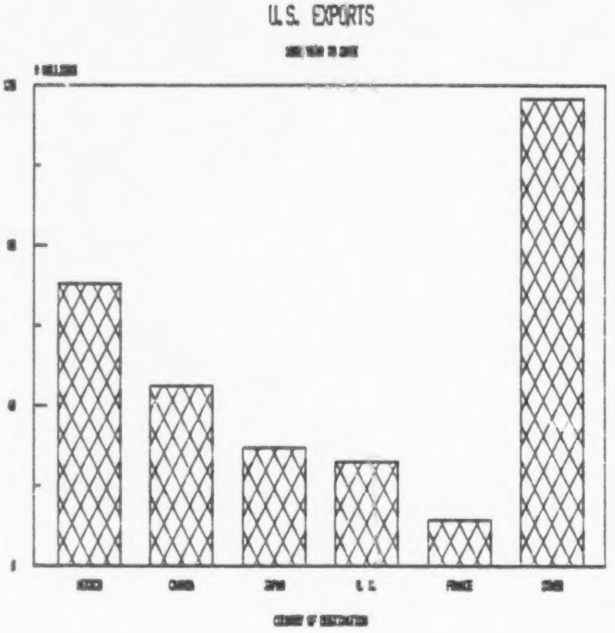
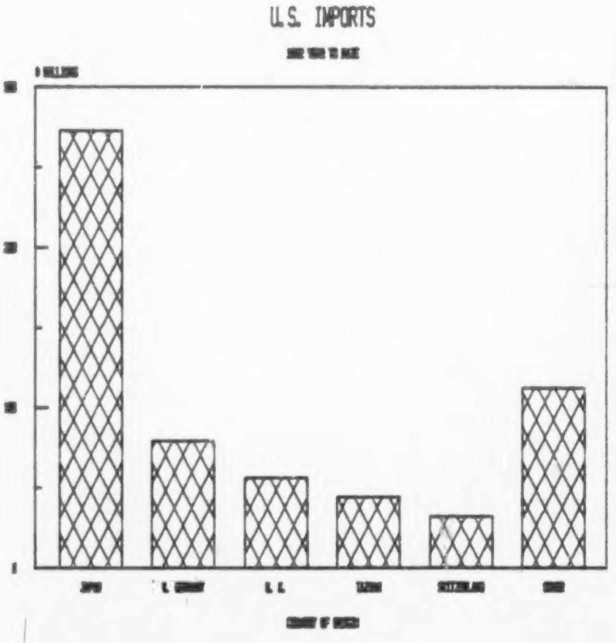
national machine tool builders' association
7901 WESTPARK DRIVE
McLEAN, VIRGINIA 22102
AREA CODE (703) 893-2900
TWX 710-831-0031 NMTBA MCLN



U.S. EXPORTS of metal cutting machines during May increased 1% from the April total as metal forming exports rose 15%. Compared to the first five months of 1981, metal cutting machine exports fell 44% while metal forming types dropped 22%. For January through May 1982, the leading export markets were (in millions): Mexico ($70.3), Canada ($44.9), Japan ($29.5), the United Kingdom ($26.0), and France ($11.4).



U.S. IMPORTS of metal cutting machine tools during May rose 18% over April. However, the five month total is 5% below the first five months of 1981. Metal forming imports fell 11% from the April level but showed a slight increase when compared to the same period last year. Leading exporters of machine tools to the U.S. during the first five months of 1982 were (in millions): Japan ($273.1), West Germany ($79.5), the United Kingdom ($56.0), Taiwan ($43.8), and Switzerland ($32.2).

* * *

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
MAY 1982

RELEASED: AUGUST 13, 1982

		TOTAL YTD UNITS	TOTAL YTD $000	TOTAL MO. UNITS	TOTAL MO. $000	AUSTRIA UNITS	AUSTRIA $000	BELGIUM UNITS	BELGIUM $000
674:	METAL CUTTING								
3020	Gear Hobbers & Shapers	17	1924	2	51	-	-	-	-
3045	Gear Cutting Machines, N.E.C.	101	12524	13	2478	-	-	-	-
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26'' or Less	23	2054	4	349	-	-	-	-
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26''	4	823	-	-	-	-	-	-
3209	Horizontal Machining Centers, ATC, NC	49	13076	10	3157	1	198	-	-
3211	Machining Centers, NC, N.E.C.	50	5673	4	554	-	-	-	-
3216	Single Station and Multi-Station Transfer Machines	18	10835	4	5156	-	-	-	-
3225	Way Type Machines (Unit Heads)	11	1513	-	-	-	-	-	-
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	7	2618	-	-	-	-	-	-
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	2	1049	-	-	-	-	-	-
3247	Vertical Boring-Drilling-Milling Machines, NC	5	1755	1	144	-	-	-	-
3248	Horiz. Boring-Drilling-Milling Machines, non-NC	12	2336	2	626	-	-	-	-
3249	Vertical Boring-Drilling-Milling Machines, non-NC	17	557	2	45	-	-	-	-
3254	Drilling Machines, NC	3	193	1	83	-	-	-	-
3255	Drilling Machines, Multi-Spindle, non-NC	23	2118	5	479	-	-	-	-
3256	Drilling Machines, Radial, non-NC	13	869	2	67	-	-	-	-
3257	Drilling Machines, Upright, Single Spindle, non-NC	30	392	1	3	-	-	-	-
3258	Drilling Machines, non-NC, N.E.C.	86	2186	10	189	-	-	-	-
3264	Milling Machines, NC	29	6644	11	2994	-	-	9	655
3266	Milling Machines, Profiling, Dupl. & Die Sinking, non-NC	29	1091	19	270	-	-	-	-
3267	Milling Machines, Knee Type, non-NC	-	-	-	-	-	-	-	-
3268	Milling Machines, Bed Type, non-NC	2	99	-	-	-	-	-	-
3269	Milling Machines, non-NC, N.E.C.	60	3289	8	1231	-	-	-	-
3276	Vertical Boring Machines, incl. VTL's, NC	2	525	-	-	-	-	-	-
3277	Vertical Boring Machines, incl. VTL's, non-NC	35	6978	5	217	-	-	-	-
3281	Boring Machines, NC, N.E.C.	6	631	-	-	-	-	-	-
3283	Boring Machines, non-NC, N.E.C.	35	1419	3	75	-	-	-	-
3504	Horizontal Lathes, NC, Less Than 25 HP	92	7295	17	1349	-	-	-	-
3506	Horizontal Lathes, NC, 25-50 HP	33	6973	3	489	-	-	-	-
3508	Horizontal Lathes, NC, Over 50 HP	12	4806	2	1617	-	-	-	-
3510	Horizontal Engine & Toolroom Lathes, non-NC	50	1186	13	208	-	-	-	-
3511	Automatic Chucking Lathes, Single Spindle, non-NC	4	591	-	-	-	-	-	-
3512	Automatic Chucking Lathes, Multi-Spindle, non-NC	11	1824	-	-	-	-	-	-
3515	Automatic Bar Machines, Single Spindle, non-NC	20	936	3	141	-	-	-	-
3516	Automatic Bar Machines, Multi-Spindle, non-NC	15	1145	1	53	-	-	-	-
3518	Horizontal Lathes, non-NC, N.E.C.	161	5322	19	490	-	-	-	-
3519	Vertical Lathes, excl. VTL's, NC	9	1446	1	28	-	-	-	-
3525	Vertical Lathes, excl. VTL's, non-NC	58	6131	17	1816	-	-	-	-
3528	Grinding, Polishing, Honing & Lapping Machines, NC	37	5885	5	917	-	-	-	-
3529	Gear Tooth Grinding & Finishing Machines, non-NC	64	4520	16	780	-	-	-	-
3531	Tool & Cutter Grinding Machines, non-NC	116	3618	32	806	-	-	-	-
3532	Honing & Lapping Machines, non-NC	130	1824	7	80	-	-	-	-
3533	Grinding Machines, Flat Surface Reciprocating Table, non-NC	51	743	26	314	-	-	-	-
3538	Grinding Machines, Flat Surface, non-NC, N.E.C.	86	7453	13	1038	-	-	-	-
3541	External Grinding Machines, non-NC	29	4800	5	469	-	-	-	-
3542	Internal Grinding Machines, non-NC	18	2772	1	87	-	-	-	-
3544	Grinding, Polishing & Buffing Machines, non-NC, N.E.C.	64	3032	9	861	-	-	-	-
3546	Grinding Machines, non-NC, N.E.C.	204	5934	45	1319	-	-	-	-
3547	Traveling Wire Electrical Discharge Machines	10	43	-	-	-	-	-	-
3549	All Other Electrical Discharge Machines	49	508	3	11	-	-	-	-
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	1	211	-	-	-	-	-	-
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, non-NC	29	715	1	51	-	-	-	-
3559	Metal Cutting Machine Tools, NC, N.E.C.	15	1418	1	359	-	-	-	-
3565	Sawing & Cut-off Machines, non-NC	188	3261	36	1155	-	-	-	-
3566	Broaching Machines, non-NC	22	4034	5	365	-	-	-	-
3567	Metal Cutting Machine Tools, non-NC, N.E.C.	229	5916	83	627	-	-	6	103
4000	Metal Cutting Machine Tools, Used or Rebuilt*	1318	13394	256	2245	-	-	-	-
5000	Metal Cutting Machine Tools, Less Than $2500*	18243	6595	3556	1035	-	-	14	1
	TOTAL CUTTING			4283	36885	1	198	29	759
	TOTAL CUTTING YTD	22037	197539			9	448	245	891
674:	METAL FORMING								
1011	Die Casting Machines & Parts	-	4406	-	724	-	3	-	-
3568	Metal Forming Machine Tools, Used or Rebuilt	407	6226	62	1047	-	-	-	-
3569	Metal Forming Machine Tools, Less Than $2500	3494	1982	783	420	-	-	3	2
3571	Punching & Shearing Machines, incl. Combination, NC	33	4816	7	804	-	-	-	-
3573	Shearing Machines, non-NC	41	2012	10	285	-	-	-	-
3575	Punching & Combination Punching & Shearing Machines, non-NC	312	10045	43	1626	-	-	-	-
3578	Bending, Folding, Straightening & Flattening Machines, NC	71	4509	24	1571	-	-	-	-
3582	Press Brakes, non-NC	66	1314	4	133	-	-	-	-
3583	Bending Rolls, Ram & Press Bending Machines, non-NC	34	1870	3	47	-	-	-	-
3584	Bending,Folding,Str. & Flattening Machines, non-NC, N.E.C.	224	9973	51	1223	-	-	-	-
3588	Mechanical Presses, non-NC	116	9561	17	1246	-	-	-	-
3589	Hydraulic Presses, Vertical, Single Action, non-NC	26	1983	7	731	-	-	-	-
3590	Hydraulic & Pneumatic Presses, non-NC, N.E.C.	168	12357	32	1169	-	-	-	-
3594	Headers & Upsetters, non-NC	27	4895	13	2315	-	-	-	-
3595	Forging Machines, non-NC, N.E.C.	52	5206	8	505	-	-	-	-
3598	Metal Forming Machine Tools, non-NC, N.E.C.	481	19895	101	3724	-	-	-	-
	TOTAL FORMING			1165	17673	-	-	3	2
	TOTAL FORMING YTD	5552	101029			2	175	48	70
	TOTAL ALL TYPES			5448	54558	1	201	32	761
	TOTAL ALL TYPES YTD	27589	298568			11	624	293	961

Source: U.S. Department of Commerce, Census Report No. EM522; National Machine Tool Builders' Association.
NOTES: 1) a/Dollar amount less than $500; 2) N.E.C. - Not Elsewhere Classified; 3) Individual items may not add to totals due to rounding.
4) Beginning in January 1980, foreign trade data for die casting machines are included in the metal forming total.
For 1979, U.S. die casting exports were $9,584,000.

*Code 6744000 shown above represents combined data from codes 674:3015,3241,3252,3261,3272,3501,3526 & 3554.
Code 6745000 shown above represents combined data from codes 674:3243,3253,3262,3273,3502,3527 & 3557.

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
MAY 1982

	DENMARK		FINLAND		FRANCE		GREECE		IRELAND		ITALY		NETHERLANDS	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	2	193	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	2	1268	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3244	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	1	64	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3293	-	-	-	-	-	-	-	-	1	24	-	-	-	-
3504	-	-	-	-	2	80	-	-	-	-	-	-	-	-
3506	-	-	-	-	1	201	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	1	49	-	-	-	-	2	46	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3528	-	-	-	-	1	259	-	-	-	-	-	-	-	-
3529	-	-	-	-	1	213	-	-	-	-	-	-	-	-
3531	-	-	-	-	-	-	-	-	-	-	1	67	-	-
3532	-	-	-	-	-	-	-	-	-	-	2	8	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3538	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3546	-	-	-	-	1	479	-	-	-	-	1	41	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	-	-	-	-	-	-	-	-	-	-	-	-	7	161
3566	-	-	-	-	-	-	-	-	-	-	1	18	-	-
3567	-	-	2	44	-	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5000	175	59	-	-	6	7	-	-	2	1	18	8	-	-
CUT MO.	175	59	2	44	17	2745	-	-	4	89	21	184	7	161
CUT YTD	452	670	15	1894	106	8692	6	167	22	1363	722	2758	119	668
1011	-	-	-	-	-	39	-	3	-	10	-	-	-	2
3568	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3569	30	35	15	5	30	14	-	-	2	1	-	-	-	-
3571	1	83	-	-	3	586	-	-	2	85	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	1	24	-	-
3575	-	-	-	-	5	281	-	-	-	-	3	208	-	-
3578	-	-	-	-	-	-	-	-	1	151	-	-	2	78
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	1	15	-	-	-	-	-	-	-	-	-	-	-	-
3588	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3590	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	2	52	-	-	-	-
3598	-	-	-	-	13	118	-	-	-	-	11	108	-	-
FRM MO.	32	133	15	5	51	1034	-	-	7	260	18	340	2	76
FRM YTD	68	186	21	3771	176	2755	25	911	17	668	33	4467	68	1621
TOT MO.	207	191	17	49	68	3782	-	-	11	358	36	524	9	237
TOT YTD	520	856	36	5665	282	11447	31	1078	39	2031	755	7225	187	2289

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
MAY 1982

	NORWAY UNITS	NORWAY $000	POLAND UNITS	POLAND $000	ROMANIA UNITS	ROMANIA $000	SPAIN UNITS	SPAIN $000	SWEDEN UNITS	SWEDEN $000	SWITZERLAND UNITS	SWITZERLAND $000	U. KINGDOM UNITS	U. KINGDOM $000
674:														
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	5	1125
3204	-	-	-	-	-	-	-	-	-	-	-	-	1	128
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	3	420
3211	-	-	-	-	-	-	-	-	-	-	-	-	2	319
3216	-	-	-	-	-	-	-	-	-	-	-	-	4	5156
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	2	626	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	-	-	-	-	-	-	-	-	2	42
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	-	-	-	-	1	108
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	6	335
3506	-	-	-	-	-	-	-	-	-	-	-	-	2	289
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	-	-	-	-	6	16
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3532	-	-	-	-	-	-	-	-	-	-	1	8	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3538	-	-	-	-	-	-	-	-	-	-	-	-	3	17
3541	-	-	-	-	-	-	-	-	-	-	-	-	1	17
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3546	-	-	-	-	2	18	-	-	1	12	-	-	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	1	51	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	-	-	-	-	-	-	1	54	-	-	-	-	-	-
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	-	-	1	18
4000	-	-	-	-	-	-	1	1	-	-	1	5	3	72
5000	-	-	-	-	-	-	-	-	2	3	29	5	205	57
CUT MO.	-	-	-	-	2	18	5	732	3	14	31	18	245	8120
CUT YTD	12	9	-	-	4	1194	17	2686	123	805	148	2749	1208	19987
1011	-	45	-	-	-	-	-	-	-	-	-	-	-	42
3568	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3569	3	1	-	-	-	-	12	12	-	-	2	2	16	4
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	-	-	1	3
3575	-	-	-	-	-	-	-	-	-	-	-	-	3	39
3578	-	-	-	-	-	-	-	-	-	-	2	58	2	120
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	-	-	-	-	-	-	5	111	1	18	5	47
3588	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3590	-	-	-	-	-	-	-	-	-	-	-	-	1	22
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3598	-	-	-	-	-	-	17	391	-	-	-	-	15	1727
FRM MO.	3	46	-	-	-	-	29	403	5	111	5	78	43	2004
FRM YTD	11	58	-	-	-	-	82	1960	17	1019	21	420	177	6004
TOT MO.	3	46	-	-	2	18	34	1135	8	126	36	96	288	10125
TOT YTD	23	97	-	-	4	1194	99	4646	140	1824	169	3170	1385	25092

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
MAY 1982

	USSR		W. GERMANY		YUGOSLAVIA		CANADA		MEXICO		OTH. N&C AM		ARGENTINA	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	-	-	-	-	2	51	-	-	-	-
3045	-	-	-	-	-	-	-	-	5	145	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	1	151	-	-	2	600	-	-	-	-	1	520
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	1	144	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	2	45	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	1	83	-	-	-	-
3255	-	-	-	-	-	-	-	-	3	274	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	-	-	2	28	2	10	-	-	-	-
3264	-	-	-	-	-	-	1	650	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	3	64	-	-	1	928
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	2	28	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	1	45	-	-	1	6	-	-
3504	-	-	-	-	-	-	1	94	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	1	499	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	2	22	3	56	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	1	53	-	-	-	-	-	-
3518	-	-	-	-	-	-	5	42	6	310	-	-	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	-	-	12	1347	-	-	-	-
3528	-	-	-	-	-	-	-	-	4	658	-	-	-	-
3529	-	-	1	294	-	-	1	14	1	50	-	-	-	-
3531	-	-	-	-	-	-	5	29	1	30	-	-	-	-
3532	-	-	-	-	-	-	-	-	3	50	-	-	-	-
3533	-	-	-	-	-	-	18	90	1	23	-	-	-	-
3538	1	20	-	-	-	-	2	19	3	584	-	-	-	-
3541	-	-	-	-	-	-	1	87	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	1	87	-	-	-	-
3544	-	-	2	55	-	-	2	42	1	59	-	-	-	-
3546	-	-	2	37	-	-	2	134	4	41	-	-	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	-	-	-	-	1	3	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	1	359	-	-	-	-	-	-	-	-	-	-
3565	-	-	2	58	-	-	9	451	6	56	1	4	1	8
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	2	123	-	-	1	13	3	63	-	-	-	-
4000	-	-	-	-	-	-	62	604	133	1118	37	18	-	-
5000	-	-	169	35	-	-	436	197	281	198	731	41	669	64
CUT MO.	1	20	181	1611	-	-	558	3286	481	5502	770	69	672	1521
CUT YTD	2	70	682	8426	1	91	6835	32633	2262	39023	876	581	767	3945
1011	-	-	-	31	-	-	-	127	-	316	-	-	-	-
3568	-	-	1	12	-	-	3	165	49	799	2	34	-	-
3569	-	-	41	10	-	-	325	117	39	30	3	1	-	-
3571	-	-	-	-	-	-	1	90	-	-	-	-	-	-
3573	-	-	-	-	-	-	3	50	1	15	-	-	-	-
3575	-	-	1	119	-	-	4	45	3	31	-	-	-	-
3578	-	-	1	24	-	-	2	253	6	492	-	-	-	-
3582	-	-	-	-	-	-	-	-	1	3	-	-	-	-
3583	-	-	-	-	-	-	1	11	1	8	-	-	-	-
3584	-	-	1	60	-	-	17	314	8	240	-	-	-	-
3588	-	-	-	-	-	-	2	134	13	958	-	-	-	-
3589	-	-	-	-	-	-	-	-	7	731	-	-	-	-
3590	-	-	-	-	-	-	3	86	19	708	1	34	-	-
3594	-	-	-	-	-	-	-	-	10	1592	-	-	-	-
3595	-	-	-	-	-	-	2	295	2	162	-	-	-	-
3598	-	-	3	64	-	-	8	92	12	486	-	-	1	29
FRM MO.	-	-	88	310	-	-	371	1779	171	6870	6	69	1	29
FRM YTD	-	-	151	1792	1	123	1413	12251	913	31284	64	822	1	46
TOT MO.	1	20	229	1930	-	-	929	5064	652	12372	776	138	673	1549
TOT YTD	2	70	833	10218	2	214	8248	44884	3175	70307	940	1402	768	3991

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
MAY 1982

	BRAZIL		CHILE		COLOMBIA		PERU		VENEZUELA		OTH. S. AM.		INDIA	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	1	17	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	1	152	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	1	4	-	-	-	-	-	-	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3504	2	176	-	-	-	-	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	1	1118	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	2	318	-	-	-	-	-	-	-	-
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	2	329	-	-	-	-	-	-	-	-	-	-	-	-
3532	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3538	-	-	-	-	-	-	-	-	-	-	-	-	2	26
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3546	1	3	-	-	-	-	-	-	-	-	-	-	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	-	-	-	-	1	7	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	1	63	-	-	-	-	-	-	-	-	-	-	-	-
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4000	1	5	-	-	-	-	-	-	2	70	-	-	1	250
5000	-	-	30	5	38	19	6	10	87	33	3	1	3	2
CUT MO.	10	1849	30	5	40	338	6	10	91	127	3	1	6	278
CUT YTD	58	6895	112	586	712	1045	59	126	557	2188	36	221	66	2935
1011	-	-	-	-	-	-	-	-	-	21	-	68	-	-
3568	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3569	-	-	-	-	-	-	3	3	11	8	-	-	-	-
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3573	-	-	-	-	1	68	-	-	1	109	-	-	-	-
3575	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3578	-	-	-	-	-	-	-	-	1	90	-	-	-	-
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	-	-	-	-	-	-	3	32	1	62	-	-
3588	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3590	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	1	75	-	-	-	-	-	-	-	-	-	-	1	11
3598	-	-	-	-	-	-	-	-	8	285	-	-	-	-
FRM MO.	1	75	-	-	1	68	3	3	24	467	1	109	1	11
FRM YTD	39	1060	40	53	47	347	4	39	524	3948	52	442	17	1239
TOT MO.	11	1924	30	5	41	406	9	13	75	593	4	110	7	289
TOT YTD	97	7955	152	639	759	1392	63	166	1081	6236	88	665	83	4174

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
MAY 1982

	IRAN UNITS	IRAN $000	ISRAEL UNITS	ISRAEL $000	JAPAN UNITS	JAPAN $000	KOREAN REP. UNITS	KOREAN REP. $000	PHILLIPINES UNITS	PHILLIPINES $000	SINGAPORE UNITS	SINGAPORE $000	TAIWAN UNITS	TAIWAN $000
STA:														
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3085	-	-	-	-	1	1177	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	1	65	-	-	-	-	-	-	1	164	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	1	58
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	1	3	-	-
3258	-	-	-	-	-	-	-	-	1	26	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	1	1684
3266	-	-	-	-	-	-	2	23	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	1	9	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	1	61	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	6	668	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	1	37	-	-	1	77
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3514	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	3	26	-	-	-	-	-	-	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	2	42	-	-	-	-	-	-
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	-	-	-	-	-	-	-	-	1	66	-	-	-	-
3532	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	-	-	6	181	-	-	-	-	-	-	1	20
3538	-	-	-	-	-	-	1	360	-	-	-	-	-	-
3541	-	-	-	-	1	276	1	21	-	-	-	-	1	60
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	-	-	3	700	-	-	-	-	-	-	1	6
3546	-	-	1	11	27	521	-	-	-	-	-	-	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	-	-	-	-	1	68	-	-	-	-	1	107	-	-
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	2	45	-	-
4000	-	-	-	-	1	9	-	-	-	-	1	37	-	-
5000	-	-	9	12	2	2	16	3	7	8	6	10	10	10
CUT NO.	-	-	11	87	45	2555	23	457	10	136	19	1096	16	1925
CUT YTD	-	-	152	1677	622	20146	82	2342	411	1053	476	7202	80	4844
1011	-	-	-	-	-	1	-	-	-	2	-	10	-	-
3568	-	-	6	5	-	-	-	-	1	32	-	-	-	-
3569	-	-	-	-	-	-	37	79	5	2	-	-	-	-
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3573	-	-	-	-	-	-	1	10	-	-	-	-	-	-
3575	-	-	-	-	2	329	1	91	-	-	6	77	-	-
3578	-	-	1	9	5	173	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	-	-	4	139	-	-	-	-	-	-	-	-
3588	-	-	-	-	2	154	-	-	-	-	-	-	-	-
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3590	-	-	-	-	1	37	2	20	-	-	-	-	2	73
3594	-	-	-	-	3	828	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3598	-	-	-	-	3	272	-	-	-	-	2	11	-	-
FRN NO.	-	-	7	14	20	1929	41	200	6	36	8	98	2	73
FRN YTD	-	-	33	1435	228	9325	231	468	94	77	108	1753	31	259
TOT NO.	-	-	18	101	65	4484	64	657	16	172	27	1194	18	1997
TOT YTD	-	-	185	3112	850	29471	313	2810	505	1130	584	8955	111	5106

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
MAY 1982

	TURKEY		OTHER ASIA		AUSTRALIA		N. ZEALAND		REP./S.AFR.		OTH. AFRICA		ALL OT CTRY	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
SIC:														
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	1	18	-	-
3204	-	-	-	-	-	-	-	-	-	-	1	27	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	2	67	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	2	80	-	-	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	17	287	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	1	16	1	106	-	-	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	1	64	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3289	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	2	91	1	50	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	2	17	-	-	-	-
3519	-	-	-	-	1	28	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	-	-	-	-	-	-	1	109
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	12	210	-	-	-	-	-	-	-	-	-	-
3531	-	-	-	-	21	158	-	-	1	127	-	-	-	-
3532	-	-	-	-	-	-	-	-	1	14	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3538	-	-	1	12	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3546	-	-	2	18	-	-	-	-	1	5	-	-	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	1	1	-	-	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	-	-	2	48	2	34	1	15	-	-	1	25	-	-
3566	-	-	4	387	-	-	-	-	-	-	-	-	-	-
3567	-	-	65	215	-	-	-	-	-	-	1	4	-	-
8000	-	-	1	11	-	-	-	-	-	-	11	48	1	1
9000	-	-	164	121	224	43	-	-	65	53	28	26	165	6
CUT MO.	-	-	273	1402	253	501	1	15	70	215	44	212	167	115
CUT YTD	6	437	1945	6951	1102	2671	40	131	393	3725	281	2221	214	287
1011	-	-	-	2	-	20	-	-	-	-	-	-	-	1
3568	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3569	-	-	64	37	12	13	1	2	90	38	2	2	3	2
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3573	-	-	1	6	-	-	-	-	-	-	-	-	-	-
3575	-	-	4	52	8	340	-	-	-	-	3	16	-	-
3578	-	-	-	-	1	178	-	-	-	-	-	-	-	-
3582	-	-	2	54	-	-	-	-	1	76	-	-	-	-
3583	-	-	-	-	-	-	1	28	-	-	-	-	-	-
3584	-	-	4	160	-	-	-	-	-	-	1	24	-	-
3588	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3590	-	-	2	135	-	-	-	-	-	-	1	53	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3596	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3598	-	-	3	23	4	25	-	-	-	-	1	127	-	-
FRM MO.	-	-	44	470	45	576	2	30	100	118	8	222	3	3
FRM YTD	-	-	213	3350	125	2470	12	375	387	1148	51	2656	7	135
TOT MO.	-	-	358	1872	298	1077	3	45	170	329	52	433	170	118
TOT YTD	6	437	2158	10301	1227	5141	52	505	780	4873	332	4877	221	382

MAY 1982 - U.S. EXPORTS OF MACHINE TOOLS
Total and Countries of Destination
The following is a breakdown of the activity by country which is included in the ALL OTHER columns.

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
EUROPE						
AZORES	-	-	-	-	-	-
BULGARIA	1	109	-	-	1	109
CYPRUS	-	-	-	-	-	-
CZECHOSLOVAKIA	-	-	-	-	-	-
E GERMANY	-	-	-	-	-	-
HUNGARY	-	-	-	-	-	-
ICELAND	25	2	1	1	26	3
PORTUGAL	140	3	2	1	142	4
GIBRALTAR	-	-	-	-	-	-
MALTA	-	-	-	-	-	-
TOTAL	166	115	3	3	169	118
OTHER N.&C.AM						
BAHAMAS	1	6	-	-	1	6
BARBADOS	-	-	-	-	-	-
BELIZE	-	-	-	-	-	-
BERMUDA	-	-	-	-	-	-
CAYMAN	-	-	-	-	-	-
COSTA RICA	2	6	-	-	2	6
DOMINICAN REP.	-	-	2	38	2	38
FR. W. INDIES	-	-	-	-	-	-
GUATEMALA	-	-	-	-	-	-
HAITI	-	-	-	-	-	-
HONDURAS	-	-	1	38	1	38
JAMAICA	-	-	-	-	-	-
LW & WW IS.	-	-	-	-	-	-
NICARAGUA	2	5	-	-	2	5
N. ANTILLES	35	18	-	-	35	18
PANAMA	730	36	3	1	733	36
SALVADOR	-	-	-	-	-	-
TRINIDAD	-	-	-	-	-	-
TOTAL	770	69	6	69	776	138
OTHER S. AMER						
BOLIVIA	3	1	-	-	3	80
ECUADOR	-	-	-	-	-	-
FRENCH GUIANA	-	-	-	-	-	-
GUYANA	-	-	-	-	-	-
PARAGUAY	-	-	-	-	-	-
SURINAM	-	-	1	62	1	62
URUGUAY	-	-	-	-	-	-
TOTAL	3	1	1	109	4	110
OTHER ASIA						
AFGHANISTAN	-	-	-	-	-	-
ADEN	-	-	-	-	-	-
ARAB EMIRATES	24	13	-	-	24	13
BAHRAIN	6	9	-	-	6	9
BANGLADASH	-	-	1	30	1	30
BRUNEI	-	-	-	-	-	-
BURMA	-	-	-	-	-	-
CHINA	-	-	-	-	-	-
GAZA STRIP	-	-	-	-	-	-
HONG KONG	45	302	5	22	50	324
INDONESIA	-	-	-	-	-	-
IRAQ	-	-	-	-	-	-
JORDAN	9	11	1	12	10	23
KUWAIT	6	2	1	3	7	5
LEBANON	-	-	-	-	-	-
MALAYSIA	19	38	2	59	21	93
NEPAL	-	-	-	-	-	-
OMAN	2	2	-	-	2	2
PAKISTAN	2	40	-	-	2	40
QATAR	5	1	-	-	5	1
SAUDI ARABIA	153	977	68	317	221	1294
SRI LANKA	-	-	-	-	-	-
SYRIA	-	-	-	-	-	-
THAILAND	2	13	7	28	9	41
YEMEN	-	-	-	-	-	-
TOTAL	273	1402	85	470	358	1872

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER OCEANIA						
FR. PAC. IS.	-	-	-	-	-	-
NEW GUINEA	-	-	-	-	-	-
TERR. PAC. IS.	1	1	-	-	1	1
OTH. PAC. IS.	-	-	-	-	-	-
TOTAL	1	1	-	-	1	1
OTHER AFRICA						
BOTSWANA	-	-	-	-	-	-
ALGERIA	1	28	-	-	1	28
ANGOLA	1	14	-	-	1	14
BENIN	-	-	-	-	-	-
CAMEROON	-	-	-	-	-	-
CANARY ISLANDS	-	-	-	-	-	-
DAHOMEY	-	-	-	-	-	-
EGYPT	17	10	-	-	17	10
ETHIOPIA	-	-	-	-	-	-
GABON	-	-	-	-	-	-
GHANA	3	96	2	2	5	98
GUINEA	-	-	-	-	-	-
KENYA	-	-	-	-	-	-
LIBERIA	-	-	-	-	-	-
LIBYA	-	-	-	-	-	-
MALAWI	-	-	-	-	-	-
MAURITANIA	-	-	3	16	3	16
MOROCCO	-	-	-	-	-	-
MOZAMBIQUE	-	-	-	-	-	-
NIGER	-	-	-	-	-	-
NIGERIA	-	-	3	204	3	204
RWANDA	-	-	-	-	-	-
SENEGAL	-	-	-	-	-	-
SIERRA LEONE	-	-	-	-	-	-
SOMALIA	-	-	-	-	-	-
S. W. AFRICA	-	-	-	-	-	-
SUDAN	-	-	-	-	-	-
SWAZILAND	-	-	-	-	-	-
TANZANIA	-	-	-	-	-	-
TUNISIA	-	-	-	-	-	-
ZIMBABWE	11	17	-	-	11	17
WEST AFRICA	-	-	-	-	-	-
ZAIRE	-	-	-	-	-	-
ZAMBIA	-	-	-	-	-	-
OTH WEST AFR.	11	48	-	-	11	48
IVORY COAST	-	-	-	-	-	-
MAURITIUS	-	-	-	-	-	-
TOGO	-	-	-	-	-	-
TOTAL	44	212	8	222	52	433

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statistical

REPORT
September 23, 1982

U.S. FOREIGN TRADE IN MACHINE TOOLS
1ST SIX MONTHS 1982

For the first six months of 1982, U.S. imports of machine tools totaled $712.0 million, down 2% from the same period in 1981. Exports of U.S. made machine tools fell 39% below the same period and stood at $352.0 million after the first half of 1982. The resulting machine tool trade deficit was $360.0 million -- more than double the $146.4 million deficit registered at the end of June last year.

The table below details U.S. foreign trade in machine tools both for the second quarter and for the first half of 1982. Highlights of the foreign trade activity in general and for specific countries are presented in the remainder of this report.

U.S. Machine Tool Trade
($Millions)

2nd Qtr. 1982	Exports	Imports	Surplus (Deficit)
Metal Cutting	$109.3	$305.5	($196.2)
Metal Forming	$ 50.6	$ 48.8	$ 1.8
Total	$159.9	$354.3	($194.4)
6 Mos. 1982			
Metal Cutting	$233.4	$616.5	($383.1)
Metal Forming	$118.6	$ 95.5	$ 23.1
Total	$352.0	$712.0	($360.0)

EXPORTS

Compared to the first six months of 1981, metal cutting and metal forming machinery exports fell 44% and 27%, respectively. Comparisons on a regional basis show decreases in exports to all regions for 1982.

national machine tool builders association

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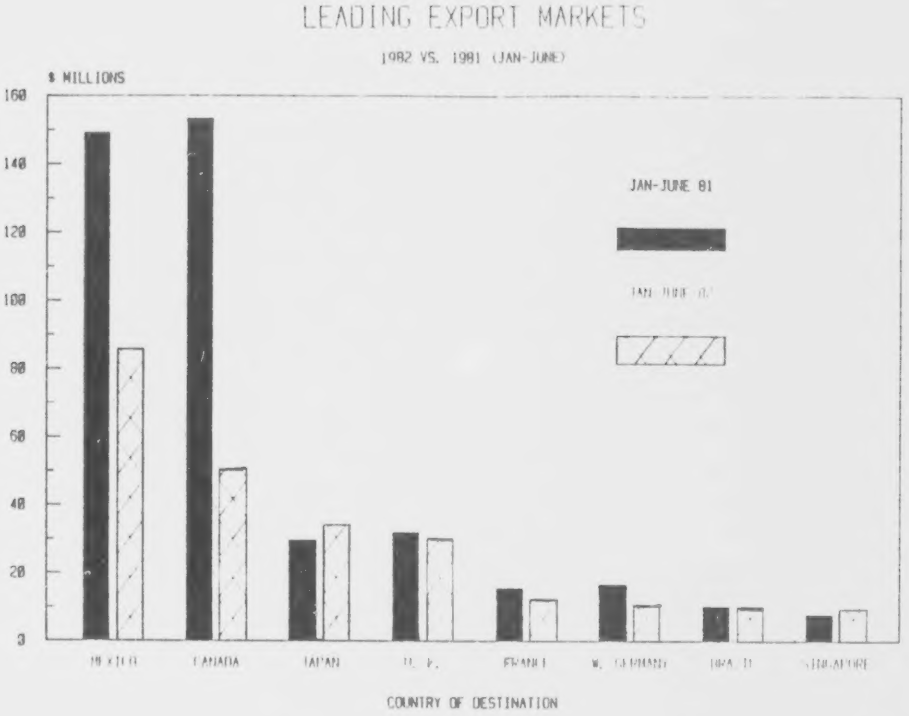
	Jan-June 1982 (Millions)	Jan-June 1981 (Millions)	% Change
N & C America	$137.6	$305.3	-54.9%
Europe	91.1	119.7	-23.9
Asia	76.9	98.8	-22.2
South America	27.4	32.2	-14.9
Africa	12.0	12.8	- 6.3
Oceania	6.8	12.1	-43.8
	$352.0	$581.0	-39.4%

Exports to eight countries represented 69% of total U.S. machine tool exports. Ranked by dollar value for January through June, the leading export markets were:

	Jan-June 1982		Jan-June 1981		%Change 82:81
	$ Mil.	% of Total	$ Mil.	% of Total	Dollar Value
Mexico	$ 85.6	24.3%	$149.2	25.7%	- 42.6%
Canada	50.3	14.3	153.2	26.4	- 67.2
Japan	33.9	9.6	29.5	5.1	+ 14.9
United Kingdom	29.9	8.5	31.8	5.5	- 6.0
France	12.6	3.6	15.5	2.7	- 18.7
West Germany	10.8	3.1	16.3	2.8	- 33.7
Brazil	10.1	2.9	10.1	1.7	0.0
Singapore	9.4	2.7	7.5	1.3	+ 25.3
	$242.6	68.9%	$413.1	71.1%	- 41.3%

Mexico was the leading market for U.S. machine tools in the first six months of 1982, accounting for 24% of total U.S. exports. Metal cutting exports were $47.0 million, less than half the total for the first half of 1981. Metal forming exports, however, increased 26%, to $38.6 million for the current period.

Page Three
September 23, 1982



Canada's share of total U.S. exports declined substantially; from 26% of total exports in the first six months of 1981 to a 1982 share of only 14%. Metal cutting exports fell 72% to $36.0 million while metal forming exports declined 45% to $14.3 million.

U.S. exports to Japan represented 10% of total machine tool exports for the first half of 1982. Metal cutting and metal forming exports both increased from mid-year 1981 levels, by 8% and 37%, respectively.

U.S. exports to the United Kingdom declined 6% from the first six months of 1981. While metal cutting exports rose 16% to $23.2 million, metal forming machinery exports declined 43% to $6.8 million.

Both metal cutting and metal forming exports to France dropped from the same period last year, producing an overall decline of 19%. Exports of metal cutting machines fell 9%, to $9.5 million. Metal forming exports registered a drop of 39%, to $3.1 million.

West Germany also showed declines in both export sectors. Exports of metal cutting machine tools dropped from $13.1 million for the first half of 1981 to $8.9 million for the current year. Metal forming exports declined from $3.2 million to $1.9 million.

Total exports to Brazil remained unchanged from the same period last year at $10.1 million. Metal cutting machine tool shipments increased 24% to $8.6 million as metal forming exports offset the increase with a decline of 53% and total sales of $1.5 million.

Singapore ranked as the eighth leading export market for U.S. machine tools in the first half of 1982. Total machine tool exports reached $9.4 million, a 26% increase over the same period last year. Metal cutting exports registered $7.6 million and metal forming exports totaled $1.8 million.

IMPORTS

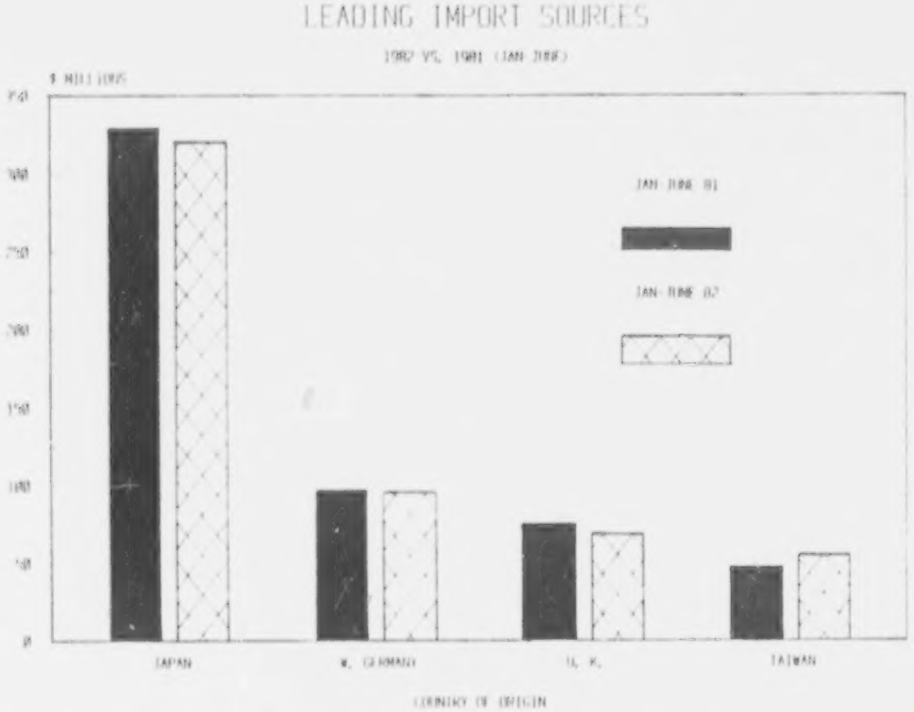
During the first six months of 1982, U.S. imports of machine tools reached $616.5 million for metal cutting machinery and $95.5 million for metal forming equipment. Compared to the same period last year, metal cutting imports declined 3% while metal forming imports rose 1%. Total imports of $712.0 million during the first half of 1982 are equivalent to 48% of the total machine tool imports during all of 1981.

Four countries supplied 75% of total U.S. machine tool imports during the first half of 1982. Increases occurred both in dollar value and individual country share for Taiwan. Shares for Japan and the United Kingdom declined compared to the same period last year, while the share of U.S. imports from West Germany increased slightly.

	Jan-June 1982		Jan-June 1981		%Change 82:81
	$ Mil.	% of Total	$ Mil.	% of Total	Dollar Value
Japan	$319.0	44.8%	$328.6	45.2%	- 2.9%
West Germany	95.6	13.4	96.6	13.3	- 1.0
United Kingdom	68.1	9.6	73.9	10.2	- 7.8
Taiwan	53.7	7.5	45.9	6.3	+17.0
	$536.4	75.3%	$545.0	74.9%	- 1.6%

Metal cutting imports from Japan fell 4% below the first six months of 1981 to $289.3 million. Metal forming imports totaled $29.7 million, a 6% increase from the same period last year. The overall dollar value of Japan's exports fell 3%.

West Germany remained the second largest exporter of machine tools to the U.S. with shipments of $71.0 million in metal cutting machines, and $24.6 million in metal forming machinery. Compared to the first six months of 1981, cutting imports declined 4% while metal forming imports rose 7%.



U.S. imports from the United Kingdom represented approximately 10% of the six-month total for 1982. The $62.1 million in metal cutting imports represents a 7% decline from the same period last year. Metal forming imports from the U.K. declined 11% to $6.0 million.

Virtually all of the machine tools imported from Taiwan were metal cutting types - $53.2 million during the first six months of this year. This is 16% above the total last year for the same period. Machines valued under $2,500 accounted for 51% of the total.

*   *   *

RELEASED: September 23, 1982

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1982

674:	METAL CUTTING	TOTAL 6 MO: UNITS	TOTAL 6 MO: $000	AUSTRIA UNITS	AUSTRIA $000	BELGIUM UNITS	BELGIUM $000	DENMARK UNITS	DENMARK $000	FINLAND UNITS	FINLAND $000
3020	Gear Hobbers & Shapers	20	2349	-	-	-	-	-	-	-	-
3045	Gear Cutting Machines, N.E.C.	114	14833	-	-	-	-	-	-	-	-
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26'' or Less	24	2202	-	-	-	-	-	-	-	-
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26''	4	823	-	-	-	-	-	-	-	-
3209	Horizontal Machining Centers, ATC, NC	54	14337	1	198	-	-	3	462	4	1588
3211	Machining Centers, NC, N.E.C.	53	5862	-	-	-	-	1	82	-	-
3216	Single Station and Multi-Station Transfer Machines	21	12234	-	-	-	-	-	-	-	-
3225	Way Type Machines (Unit Heads)	13	2399	-	-	-	-	-	-	-	-
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	7	2618	-	-	-	-	-	-	-	-
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	2	1049	-	-	-	-	-	-	-	-
3247	Vertical Boring-Drilling-Milling Machines, NC	5	1755	-	-	-	-	-	-	-	-
3248	Horiz. Boring-Drilling-Milling Machines, non-NC	13	2376	-	-	-	-	-	-	-	-
3249	Vertical Boring-Drilling-Milling Machines, non-NC	20	940	-	-	-	-	-	-	-	-
3254	Drilling Machines, NC	7	575	-	-	-	-	-	-	-	-
3255	Drilling Machines, Multi-Spindle, non-NC	23	2118	-	-	-	-	-	-	-	-
3256	Drilling Machines, Radial, non-NC	17	1022	-	-	-	-	-	-	-	-
3257	Drilling Machines, Upright, Single Spindle, non-NC	35	426	-	-	-	-	-	-	-	-
3258	Drilling Machines, non-NC, N.E.C.	101	2645	-	-	-	-	-	-	-	-
3264	Milling Machines, NC	43	8163	-	-	22	1629	-	-	-	-
3266	Milling Machines, Profiling, Dupl. & Die Sinking, non-NC	35	1283	-	-	-	-	-	-	-	-
3267	Milling Machines, Knee Type, non-NC	-	-	-	-	-	-	-	-	-	-
3268	Milling Machines, Bed Type, non-NC	2	99	-	-	-	-	-	-	-	-
3269	Milling Machines, non-NC, N.E.C.	82	4620	-	-	-	-	-	-	-	-
3276	Vertical Boring Machines, incl. VTL's, NC	4	1318	-	-	-	-	-	-	-	-
3277	Vertical Boring Machines, incl. VTL's, non-NC	41	7167	-	-	-	-	-	-	-	-
3281	Boring Machines, NC, N.E.C.	6	631	-	-	-	-	-	-	-	-
3283	Boring Machines, non-NC, N.E.C.	46	1565	-	-	-	-	-	-	1	21
3504	Horizontal Lathes, NC, Less Than 25 HP	97	7591	-	-	-	-	-	-	-	-
3506	Horizontal Lathes, NC, 25-50 HP	41	8531	2	230	-	-	-	-	-	-
3508	Horizontal Lathes, NC, Over 50 HP	14	6137	-	-	-	-	-	-	-	-
3510	Horizontal Engine & Toolroom Lathes, non-NC	66	1556	-	-	-	-	-	-	-	-
3511	Automatic Chucking Lathes, Single Spindle, non-NC	4	591	-	-	-	-	-	-	-	-
3512	Automatic Chucking Lathes, Multi-Spindle, non-NC	13	1904	-	-	-	-	-	-	-	-
3515	Automatic Bar Machines, Single Spindle, non-NC	22	991	-	-	-	-	-	-	-	-
3516	Automatic Bar Machines, Multi-Spindle, non-NC	16	1594	-	-	-	-	-	-	-	-
3518	Horizontal Lathes, non-NC, N.E.C.	205	6659	-	-	-	-	-	-	-	-
3519	Vertical Lathes, excl. VTL's, NC	12	2252	-	-	-	-	-	-	-	-
3525	Vertical Lathes, excl. VTL's, non-NC	75	7374	-	-	-	-	-	-	1	201
3528	Grinding, Polishing, Honing & Lapping Machines, NC	42	6892	-	-	-	-	-	-	-	-
3529	Gear Tooth Grinding & Finishing Machines, non-NC	69	5485	-	-	-	-	-	-	-	-
3531	Tool & Cutter Grinding Machines, non-NC	150	5125	-	-	1	27	-	-	-	-
3532	Honing & Lapping Machines, non-NC	146	1996	-	-	-	-	-	-	-	-
3533	Grinding Machines, Flat Surface Reciprocating Table, non-NC	60	915	-	-	-	-	-	-	-	-
3538	Grinding Machines, Flat Surface, non-NC, N.E.C.	106	8566	-	-	-	-	-	-	1	13
3541	External Grinding Machines, non-NC	30	4816	-	-	-	-	-	-	-	-
3542	Internal Grinding Machines, non-NC	18	2772	-	-	-	-	-	-	-	-
3544	Grinding, Polishing & Buffing Machines, non-NC, N.E.C.	79	4316	-	-	-	-	-	-	-	-
3546	Grinding Machines, non-NC, N.E.C.	234	6858	-	-	-	-	-	-	-	-
3547	Traveling Wire Electrical Discharge Machines	12	58	-	-	-	-	-	-	-	-
3549	All Other Electrical Discharge Machines	63	757	-	-	-	-	1	3	-	-
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	[illegible]	211	-	-	-	-	-	-	-	-
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, non-NC	34	834	-	-	1	7	-	-	-	-
3559	Metal Cutting Machine Tools, NC, N.E.C.	20	1591	-	-	-	-	-	-	-	-
3565	Sawing & Cut-off Machines, non-NC	267	4901	6	20	-	-	-	-	-	-
3566	Broaching Machines, non-NC	25	4679	-	-	-	-	-	-	-	-
3567	Metal Cutting Machine Tools, non-NC, N.E.C.	273	7914	-	-	6	103	-	-	4	89
4000	Metal Cutting Machine Tools, Used or Rebuilt*	1708	15883	-	-	1	1	-	-	-	-
5000	Metal Cutting Machine Tools, Less Than $2500*	23599	8186	1	2	253	137	448	126	7	7
	TOTAL CUTTING YTD	28293	233393	10	450	284	1904	453	673	18	1917

674:	METAL FORMING	TOTAL 6 MO: UNITS	TOTAL 6 MO: $000	AUSTRIA UNITS	AUSTRIA $000	BELGIUM UNITS	BELGIUM $000	DENMARK UNITS	DENMARK $000	FINLAND UNITS	FINLAND $000
1011	Die Casting Machines & Parts	-	5006	-	19	-	3	-	3	-	3
3568	Metal Forming Machine Tools, Used or Rebuilt	522	8065	-	-	1	4	5	3	-	-
3569	Metal Forming Machine Tools, Less Than $2500	4117	2298	-	-	66	25	84	74	15	5
3571	Punching & Shearing Machines, incl. Combination, NC	36	5217	-	-	-	-	1	83	-	-
3573	Shearing Machines, non-NC	45	2102	-	-	-	-	-	-	-	-
3575	Punching & Combination Punching & Shearing Machines, non-NC	364	11275	-	-	2	41	-	-	2	56
3578	Bending, Folding, Straightening & Flattening Machines, NC	97	6536	-	-	1	212	-	-	-	-
3582	Press Brakes, non-NC	76	1765	-	-	-	-	-	-	3	12
3583	Bending Rolls, Ram & Press Bending Machines, non-NC	37	2071	-	-	-	-	-	-	-	-
3584	Bending,Folding,Str. & Flattening Machines, non-NC, N.E.C.	267	12020	-	-	-	-	3	29	-	-
3588	Mechanical Presses, non-NC	161	11872	-	-	2	24	-	-	-	-
3589	Hydraulic Presses, Vertical, Single Action, non-NC	31	2663	-	-	-	-	-	-	-	-
3590	Hydraulic & Pneumatic Presses, non-NC, N.E.C.	192	13415	-	-	2	26	1	19	3	3754
3594	Headers & Upsetters, non-NC	32	5575	-	-	-	-	-	-	-	-
3595	Forging Machines, non-NC, N.E.C.	67	6068	-	-	-	-	1	4	-	-
3598	Metal Forming Machine Tools, non-NC, N.E.C.	523	22634	2	160	1	60	4	20	-	-
	TOTAL FORMING YTD	6567	118604	2	179	75	395	99	234	23	3829
	TOTAL ALL TYPES YTD	34860	351997	12	630	359	2299	552	907	41	5747

Source: U.S. Department of Commerce, Census Report No. EM522; National Machine Tool Builders' Association.

NOTES: 1) a/Dollar amount less than $500; 2) N.E.C. - Not Elsewhere Classified; 3) Individual items may not add to totals due to rounding.
4) Beginning in January 1980, foreign trade data for die casting machines are included in the metal forming total.

*Code 6744000 shown above represents combined data from codes 674:3015,3241,3252,3261,3272,3501,3526 & 3554.
Code 6745000 shown above represents combined data from codes 674:3243,3253,3262,3273,3502,3527 & 3557.

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1982

674:	FRANCE UNITS	$000	GREECE UNITS	$000	IRELAND UNITS	$000	ITALY UNITS	$000	NETHERLANDS UNITS	$000	NORWAY UNITS	$000	POLAND UNITS	$000	ROMANIA UNITS	$000	SPAIN UNITS	$000	SWEDEN UNITS	$000
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	197	-	-
3045	2	411	-	-	2	116	1	174	2	37	-	-	-	-	-	-	2	328	-	-
3204	3	288	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	2	1268	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	855
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	301	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	1	41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	626	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	11	85	-	-	-	-	-	-	1	71	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	-	-	6	59	-	-	-	-	-	-	-	-	-	-	1	30
3264	1	545	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	9	184	-	-	-	-	-	-	-	-	-	-	1	[illegible]
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	8	1640	-	-	1	64	4	140	-	-	-	-	-	-	-	-	3	1310	-	-
3281	-	-	-	-	1	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	1	9	-	-	1	24	2	47	2	103	-	-	-	-	-	-	-	-	-	-
3504	21	1293	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	3	473	-	-	2	396	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	2	1186	-	-	1	169	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	1	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	6	-	-
3516	1	44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	1	49	-	-	5	247	4	64	2	12	1	8	-	-	-	-	-	-	-	-
3519	-	-	-	-	1	396	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3528	1	259	-	-	-	-	2	319	-	-	-	-	-	-	-	-	-	-	-	-
3529	1	213	-	-	-	-	20	1080	-	-	-	-	-	-	-	-	-	-	-	-
3531	-	-	-	-	-	-	1	67	-	-	-	-	-	-	1	832	-	-	8	70
3532	7	33	-	-	-	-	9	79	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	48	-	-
3538	-	-	-	-	1	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	2	505	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	-	-	-	-	4	554	-	-	-	-	-	-	-	-	-	-	-	-
3546	10	750	5	91	-	-	4	343	5	62	-	-	-	-	3	363	-	-	5	23
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	3	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	51	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	1	12	-	-	-	-	1	11	23	459	1	5	-	-	-	-	2	104	-	-
3566	-	-	-	-	-	-	1	18	-	-	-	-	-	-	-	-	-	-	-	-
3567	4	258	1	76	1	42	-	-	-	-	-	-	-	-	-	-	2	179	-	-
4000	9	39	-	-	4	24	10	261	4	48	-	-	-	-	-	-	1	1	1	1
5000	85	56	-	-	8	11	665	58	177	49	12	9	-	-	-	-	2	3	119	15
CUT YTD	181	9513	6	167	28	1579	743	3458	216	840	14	22	-	-	4	1194	20	3153	138	1023
1011	-	162	-	3	-	22	-	149	-	15	-	163	-	-	-	-	-	97	-	48
3568	-	-	-	-	-	-	-	-	28	654	-	-	-	-	-	-	-	-	-	-
3569	176	60	24	7	3	2	12	5	23	6	12	5	-	-	-	-	48	16	5	6
3571	8	1215	-	-	4	99	-	-	4	184	-	-	-	-	-	-	1	512	-	-
3573	-	-	-	-	-	-	2	38	-	-	-	-	-	-	-	-	2	43	-	-
3575	13	585	-	-	1	49	3	208	25	437	-	-	-	-	-	-	1	6	1	3
3578	-	-	-	-	1	151	-	-	4	160	-	-	-	-	-	-	9	594	1	39
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	3	383	-	-	-	-	2	50	-	-	-	-	-	-	-	-	-	-	5	111
3588	6	209	-	-	-	-	6	2347	-	-	-	-	-	-	-	-	-	-	1	95
3589	1	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3590	1	71	-	-	1	13	-	-	2	81	-	-	-	-	-	-	1	57	6	798
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	3	118	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3598	17	350	1	900	5	263	20	1740	4	179	1	22	-	-	-	-	20	643	-	-
FRM YTD	225	3074	25	911	18	718	45	4536	90	1715	13	190	-	-	-	-	82	1967	19	1103
TOT YTD	406	12587	31	1078	46	2297	788	7994	306	2555	27	212	-	-	4	1194	102	5119	157	2127

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1982

674:	SWITZERLAND UNITS	$000	U. KINGDOM UNITS	$000	USSR UNITS	$000	W. GERMANY UNITS	$000	YUGOSLAVIA UNITS	$000	CANADA UNITS	$000	MEXICO UNITS	$000	OTH. N&C AM UNITS	$000	ARGENTINA UNITS	$000	BRAZIL UNITS	$000
3020	-	-	1	20	-	-	3	532	-	-	1	400	5	457	-	-	-	-	-	-
3045	1	18	8	2333	-	-	2	760	-	-	2	72	18	798	2	47	-	-	-	-
3204	2	256	2	196	-	-	2	217	-	-	8	738	1	47	1	69	-	-	-	-
3206	-	-	1	129	-	-	-	-	-	-	1	291	-	-	-	-	-	-	1	217
3209	6	1423	14	2144	-	-	1	151	-	-	8	2733	2	392	-	-	1	520	4	701
3211	-	-	4	492	-	-	2	204	-	-	4	510	12	1485	-	-	-	-	3	[illegible]
3216	-	-	8	7321	-	-	-	-	-	-	7	2406	4	1331	-	-	-	-	-	-
3225	-	-	5	236	-	-	2	621	-	-	1	373	3	1056	-	-	-	-	-	-
3245	3	920	-	-	-	-	-	-	-	-	2	912	1	373	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	1	748	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	3	1191	2	564	-	-	-	-	-	-
3248	1	40	-	-	-	-	-	-	-	-	3	781	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	4	86	6	189	-	-	-	-	-	-
3254	-	-	2	162	-	-	-	-	-	-	-	-	3	219	-	-	-	-	1	153
3255	-	-	-	-	-	-	-	-	-	-	1	115	18	1631	-	-	-	-	1	152
3256	-	-	-	-	-	-	-	-	-	-	2	176	8	176	-	-	-	-	1	184
3257	1	78	2	8	-	-	-	-	-	-	8	61	9	106	-	-	-	-	-	-
3258	-	-	12	142	-	-	-	-	-	-	21	283	20	675	1	6	-	-	3	315
3264	-	-	-	-	-	-	-	-	-	-	2	2970	2	55	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	6	202	1	31	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	2	79	27	803	-	-	2	30	-	-	5	765	10	248	1	10	1	928	1	520
3276	-	-	1	31	-	-	-	-	-	-	1	762	2	525	-	-	-	-	-	-
3277	-	-	-	-	-	-	1	420	-	-	4	525	10	1774	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	5	572	-	-	-	-	-	-
3283	-	-	5	258	-	-	2	17	-	-	3	83	5	366	1	6	-	-	1	90
3504	-	-	31	1846	-	-	-	-	-	-	12	791	4	483	1	92	-	-	2	176
3506	-	-	16	1918	-	-	1	255	-	-	2	450	2	780	-	-	4	840	4	2002
3508	-	-	1	475	-	-	1	499	-	-	2	791	1	82	-	-	3	1315	1	1118
3510	-	-	6	16	-	-	-	-	-	-	13	163	13	244	4	26	-	-	-	-
3511	-	-	-	-	-	-	1	462	-	-	1	116	1	16	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	10	1294	2	80	-	-	-	-	-	-
3515	-	-	1	29	-	-	-	-	-	-	2	169	2	193	-	-	-	-	-	-
3516	-	-	3	120	-	-	-	-	-	-	4	456	4	613	-	-	-	-	1	47
3518	1	2	3	85	-	-	2	84	-	-	32	576	75	3286	5	141	-	-	19	351
3519	-	-	2	61	-	-	-	-	-	-	4	386	3	849	-	-	1	532	-	-
3525	-	-	4	1407	-	-	1	248	-	-	1	49	34	2624	2	35	1	25	3	79
3528	-	-	-	-	-	-	1	270	-	-	2	259	9	1364	-	-	-	-	3	61
3529	1	69	-	-	-	-	7	1487	-	-	13	410	10	547	-	-	-	-	-	-
3531	-	-	4	407	-	-	19	282	-	-	39	373	33	773	-	-	1	206	4	879
3532	1	8	3	63	-	-	25	389	-	-	25	705	59	288	-	-	-	-	2	171
3533	2	137	-	-	-	-	-	-	-	-	36	183	3	67	-	-	-	-	-	-
3538	-	-	8	1057	1	20	2	50	-	-	9	428	43	4404	1	3	1	110	2	17
3541	-	-	4	112	-	-	1	257	-	-	12	2568	2	203	-	-	1	222	1	160
3542	-	-	-	-	1	50	-	-	-	-	6	1200	4	192	-	-	-	-	2	427
3544	1	80	-	-	-	-	12	285	-	-	14	190	17	614	-	-	-	-	-	-
3546	1	69	2	128	-	-	12	452	1	91	30	871	53	1324	1	3	2	370	3	13
3547	8	51	-	-	-	-	2	3	-	-	-	-	1	3	-	-	-	-	-	-
3549	-	-	4	32	-	-	9	23	-	-	5	84	9	63	1	1	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	2	63	-	-	-	-	-	-	1	[illegible]11	12	359	-	-	-	-	-	-
3559	-	-	1	18	-	-	2	365	-	-	1	267	12	763	1	17	-	-	-	-
3565	6	85	7	87	-	-	2	58	-	-	76	1129	28	311	2	8	2	15	2	74
3566	-	-	-	-	-	-	-	-	-	-	2	48	7	743	-	-	-	-	-	-
3567	8	113	3	37	-	-	4	280	-	-	26	435	85	3105	-	-	-	-	-	-
4000	5	96	30	589	-	-	5	17	-	-	267	2830	818	7880	51	102	-	-	4	240
5000	133	35	1089	341	-	-	704	209	5	9	6806	2114	1164	994	818	80	753	166	2	3
CUT YTD	181	3556	1316	23166	2	70	830	8906	6	100	7550	35978	2658	46970	893	645	771	5249	71	8584

674:	SWITZERLAND UNITS	$000	U. KINGDOM UNITS	$000	USSR UNITS	$000	W. GERMANY UNITS	$000	YUGOSLAVIA UNITS	$000	CANADA UNITS	$000	MEXICO UNITS	$000	OTH. N&C AM UNITS	$000	ARGENTINA UNITS	$000	BRAZIL UNITS	$000
1011	-	22	-	197	-	-	-	165	-	-	-	754	-	651	-	239	-	17	-	280
3568	-	-	1	20	-	-	2	17	-	-	128	910	204	5183	9	76	-	-	-	-
3569	13	8	68	44	-	-	154	60	-	-	1158	680	508	435	42	22	-	-	30	34
3571	-	-	2	367	-	-	-	-	-	-	4	653	3	1321	-	-	-	-	-	-
3573	-	-	1	3	-	-	-	-	-	-	12	196	16	745	-	-	-	-	-	-
3575	-	-	35	947	-	-	3	179	1	123	66	2482	47	2105	5	89	-	-	-	-
3578	3	76	12	1001	-	-	1	24	-	-	17	1203	26	1829	-	-	-	-	1	77
3582	-	-	-	-	-	-	-	-	-	-	24	215	12	569	1	7	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	4	64	13	553	1	53	-	-	12	376
3584	3	312	25	358	-	-	3	196	-	-	56	1159	70	6162	7	60	-	-	2	89
3588	-	-	3	198	-	-	2	116	-	-	10	1279	50	4861	5	118	-	-	1	66
3589	-	-	1	33	-	-	3	161	-	-	2	233	17	1705	-	-	-	-	-	-
3590	-	-	6	326	-	-	1	79	-	-	27	1088	84	3160	5	229	-	-	1	100
3594	-	-	1	23	-	-	-	-	-	-	1	51	21	3043	-	-	-	-	-	-
3595	-	-	-	-	-	-	1	84	-	-	30	1636	14	756	2	114	-	-	6	186
3598	3	1002	37	3252	-	-	22	770	-	-	59	1696	100	5556	4	93	1	29	4	277
FRM YTD	22	1420	192	6769	-	-	192	1850	1	123	1598	14297	1185	38633	81	1099	1	45	57	1486
TOT YTD	203	4976	1508	29934	2	70	1022	10756	7	223	9148	50275	3843	85602	974	1744	772	5294	128	10070

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1982

674:	CHILE UNITS	$000	COLOMBIA UNITS	$000	PERU UNITS	$000	VENEZUELA UNITS	$000	OTH. S. AM. UNITS	$000	INDIA UNITS	$000	IRAN UNITS	$000	ISRAEL UNITS	$000	JAPAN UNITS	$000	KOREAN REP. UNITS	$000
3020	-	-	-	-	-	-	-	-	-	-	1	149	-	-	-	-	2	501	-	-
3045	-	-	1	20	-	-	3	425	-	-	5	484	-	-	8	210	23	6604	1	16
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	575	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	200	5	713	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	110	-	-
3245	-	-	-	-	-	-	-	-	-	-	1	414	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	362	1	426
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	95	-	-
3256	-	-	2	12	-	-	-	-	-	-	1	379	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	1	6	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	3	17	1	10	1	8	1	72	1	38	-	-	-	-	2	30	2	76
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	66	-	-
3266	-	-	-	-	-	-	-	-	-	-	1	37	-	-	1	520	-	-	2	23
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	1	35	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	1	8	-	-	1	445	-	-	-	-	1	27	4	49
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	190	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	1	11	-	-	1	31	-	-	-	-	-	-	-	-	1	10	6	125
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	259	-	-
3506	-	-	-	-	-	-	3	769	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	104	-	-
3510	-	-	-	-	-	-	10	391	-	-	2	5	-	-	-	-	3	62	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	17	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	530	-	-
3515	-	-	1	19	-	-	2	35	1	7	1	38	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	6	21	-	-	-	-	1	3	1	5	-	-	-	-	11	146	2	79
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	2	318	-	-	1	10	-	-	1	122	1	612	2	239	2	323	2	42
3528	-	-	-	-	-	-	-	-	-	-	3	446	-	-	-	-	12	2867	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1145	-	-
3531	1	62	-	-	-	-	1	4	3	26	1	219	-	-	-	-	1	52	-	-
3532	-	-	-	-	-	-	1	14	-	-	-	-	-	-	-	-	2	126	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	26	13	331	2	105
3538	-	-	1	7	-	-	8	305	-	-	2	26	-	-	-	-	5	221	2	1108
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	1165	1	21
3542	-	-	-	-	-	-	-	-	-	-	1	84	-	-	-	-	1	255	-	-
3544	-	-	-	-	3	9	1	4	-	-	-	-	-	-	-	-	18	2358	3	190
3546	-	-	-	-	1	15	9	264	1	7	-	-	-	-	3	33	31	628	8	553
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
3549	-	-	-	-	-	-	1	7	-	-	2	138	-	-	2	79	3	5	2	11
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	211	-	-
3553	-	-	-	-	-	-	-	-	1	105	-	-	-	-	-	-	-	-	1	8
3559	-	-	-	-	-	-	1	12	-	-	-	-	-	-	-	-	1	42	-	-
3565	2	12	2	13	1	9	1	4	-	-	-	-	-	-	-	-	8	297	4	46
3566	-	-	-	-	-	-	4	196	-	-	-	-	-	-	-	-	7	3327	-	-
3567	-	-	-	-	-	-	1	4	4	22	11	241	-	-	2	407	4	102	2	50
4000	59	499	81	580	10	103	53	486	-	-	11	544	-	-	39	16	7	122	-	-
5000	50	13	770	178	50	68	1515	553	29	11	23	8	-	-	93	89	599	173	126	74
CUT YTD	112	586	870	1195	66	213	1619	3536	41	252	71	3855	1	612	154	1836	784	24130	172	3002
1011	-	1	-	6	-	19	-	176	-	137	-	6	-	-	-	11	-	77	-	9
3568	-	-	37	239	-	-	14	65	26	154	1	198	-	-	49	243	11	27	1	2
3569	35	8	3	3	3	3	430	166	28	8	1	2	-	-	14	10	145	161	222	123
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3573	-	-	1	68	-	-	8	892	-	-	-	-	-	-	-	-	-	-	1	10
3575	-	-	1	5	-	-	3	44	2	271	-	-	-	-	-	-	21	484	3	125
3578	-	-	1	35	-	-	5	153	-	-	-	-	-	-	1	9	8	252	1	43
3582	-	-	-	-	-	-	2	168	-	-	-	-	-	-	1	69	-	-	-	-
3583	-	-	-	-	-	-	1	55	-	-	2	481	-	-	-	-	-	-	-	-
3584	-	-	2	30	-	-	22	557	2	75	7	311	-	-	-	-	12	430	-	-
3588	-	-	1	30	-	-	4	177	1	22	1	10	-	-	-	-	7	902	1	11
3589	-	-	1	43	-	-	-	-	-	-	1	84	-	-	-	-	-	-	2	129
3590	-	-	1	13	-	-	3	213	-	-	3	118	-	-	3	1247	16	1045	2	20
3594	-	-	1	31	-	-	-	-	-	-	-	-	-	-	-	-	5	2363	-	-
3595	-	-	1	12	-	-	-	-	-	-	1	11	-	-	-	-	4	2798	-	-
3598	5	43	2	17	1	20	138	2250	1	87	1	22	-	-	-	-	13	1271	1	13
RAM YTD	40	53	52	533	4	42	626	4891	60	714	18	1243	-	-	68	1569	242	9809	238	485
TOT YTD	152	639	922	1728	70	255	2245	8427	101	966	89	5098	1	612	222	3405	1026	33939	406	3488

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1982

	PHILLIPINES		SINGAPORE		TAIWAN		TURKEY		OTHER ASIA		AUSTRALIA		N. ZEALAND		REP./S.AFR.		OTH. AFRICA		ALL OT CTRY	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	-	-	6	93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	25	990	1	573	-	-	3	382	-	-	-	-	-	-	2	36	-	-
3204	-	-	-	-	2	125	-	-	-	-	1	145	-	-	1	95	1	27	-	-
3206	-	-	-	-	-	-	-	-	1	186	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	3	926	2	133	-	-	-	-	-	-	1	270	-	-	-	-
3211	4	106	8	1048	1	80	2	279	3	105	-	-	-	-	1	101	1	19	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1176	-	-	-	-
3225	-	-	-	-	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	3	100	-	-	-	-	-	-	-	-	-	-
3249	-	-	2	129	-	-	-	-	8	576	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	1	42	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	1	54	-	-	-	-	1	73	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	3	95	-	-	-	-	-	-	-	-	-	-
3257	-	-	1	3	-	-	-	-	1	8	-	-	-	-	-	-	-	-	-	-
3258	1	26	-	-	-	-	2	21	12	638	6	118	1	42	3	28	1	13	-	-
3264	-	-	-	-	2	2319	-	-	8	240	-	-	-	-	-	-	5	340	-	-
3266	-	-	-	-	1	32	-	-	23	438	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	1	64	-	-	-	-	-	-	-	-	-	-
3269	2	17	1	13	1	9	-	-	7	138	2	242	-	-	1	24	2	60	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	2	226	-	-	-	-	4	797	1	17	-	-	-	-	1	64	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	1	96	-	-	-	-	12	269	-	-	-	-	-	-	-	-	-	-
3504	-	-	21	2410	-	-	-	-	-	-	2	242	-	-	-	-	-	-	-	-
3506	-	-	1	240	1	177	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	1	399	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	7	436	2	73	1	77	-	-	3	49	-	-	-	-	2	15	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	2	62	-	-	6	205	1	50	-	-	1	144	-	-	-	-
3516	-	-	-	-	3	114	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	2	5	-	-	8	106	2	57	1	16	20	1312	1	6	-	-
3519	-	-	-	-	-	-	-	-	-	-	1	28	-	-	-	-	-	-	-	-
3525	1	8	-	-	-	-	-	-	11	587	1	208	-	-	2	22	-	-	2	218
3528	-	-	6	876	-	-	-	-	2	149	-	-	1	22	-	-	-	-	-	-
3529	-	-	-	-	1	76	-	-	12	210	1	250	-	-	-	-	-	-	-	-
3531	2	214	3	257	2	117	-	-	1	21	23	167	-	-	1	127	-	-	-	-
3532	-	-	-	-	-	-	-	-	-	-	7	66	1	6	3	33	1	9	-	-
3533	-	-	-	-	1	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3538	2	13	2	18	2	208	-	-	8	391	1	25	-	-	2	20	1	8	1	85
3541	-	-	-	-	1	69	-	-	-	-	1	23	-	-	1	16	-	-	-	-
3542	-	-	-	-	1	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	-	-	3	16	-	-	3	17	-	-	-	-	-	-	-	-	-	-
3546	1	33	15	170	2	62	-	-	16	104	5	22	-	-	4	12	1	4	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	1	4	2	7	4	60	-	-	5	6	5	49	1	46	1	103	-	-	2	15
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	1	20	-	-	-	-	14	212	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	1	108	-	-	-	-	-	-	-	-	-	-
3565	2	107	6	150	10	85	1	13	10	156	14	568	1	15	6	33	40	1017	-	-
3566	-	-	-	-	-	-	-	-	4	347	-	-	-	-	-	-	-	-	-	-
3567	-	-	5	81	4	41	-	-	73	984	2	204	1	4	13	116	6	936	1	9
4000	-	-	7	47	2	18	4	80	28	126	15	224	3	3	4	65	174	836	1	1
5000	412	141	372	216	74	57	20	18	2202	1015	2771	606	35	25	386	324	235	151	586	42
CUT YTD	435	1101	490	7561	129	5444	31	544	2497	8868	2863	3382	45	179	455	4034	472	3524	593	370
1011	-	5	-	44	-	1	-	-	-	104	-	171	-	75	-	3	-	1146	-	1
3568	1	32	-	-	-	-	-	-	1	3	1	15	-	-	2	221	-	-	-	-
3569	91	26	26	21	21	19	-	-	119	85	135	55	1	2	385	103	14	10	3	2
3571	-	-	-	-	-	-	-	-	7	528	1	119	1	136	-	-	-	-	-	-
3573	-	-	-	-	-	-	-	-	5	52	1	56	-	-	-	-	-	-	-	-
3575	1	5	34	669	1	12	-	-	61	934	17	1217	9	109	3	80	3	16	-	-
3578	-	-	1	6	-	-	-	-	2	49	1	178	-	-	-	-	1	444	-	-
3582	-	-	21	345	-	-	-	-	10	233	1	116	-	-	1	76	-	-	-	-
3583	-	-	-	-	-	-	-	-	2	453	-	-	2	36	-	-	-	-	-	-
3584	-	-	5	195	4	92	1	35	14	859	11	192	2	66	1	3	4	262	1	8
3588	1	8	-	-	-	-	-	-	25	654	-	-	-	-	1	52	32	660	1	29
3589	-	-	3	238	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3590	-	-	4	122	2	73	-	-	7	440	2	92	2	34	2	46	2	57	2	95
3594	-	-	1	40	-	-	-	-	-	-	2	25	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	3	184	-	-	-	-	1	165	-	-	-	-
3598	-	-	22	169	3	63	-	-	12	79	8	481	-	-	8	631	3	514	-	-
FRM YTD	94	77	117	1848	31	259	1	35	268	4657	180	2716	17	458	404	1379	59	3108	7	135
TOT YTD	529	1177	607	9409	160	5702	32	579	2765	13525	3043	6098	62	637	859	5413	531	6632	600	505

JANUARY - JUNE 1982 - U.S. EXPORTS OF MACHINE TOOLS
Total and Countries of Destination
The following is a breakdown of the activity by country which is included in the ALL OTHER columns.

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
EUROPE						
AZORES	-	-	-	-	-	-
BULGARIA	2	218	-	-	2	218
CYPRUS	6	9	-	-	6	10
CZECHOSLOVAKIA	-	-	-	-	-	-
E GERMANY	8	1	-	-	8	1
HUNGARY	1	85	-	-	1	85
ICELAND	27	13	2	8	29	21
PORTUGAL	540	35	3	48	543	83
GIBRALTAR	-	-	-	-	-	-
MALTA	-	-	-	-	-	-
TOTAL	584	362	5	57	589	419
OTHER N.&C.AM						
BAHAMAS	4	128	-	-	4	128
BARBADOS	2	70	-	-	2	70
BELIZE	-	-	-	-	-	-
BERMUDA	15	2	4	98	19	100
CAYMAN	1	9	-	-	1	9
COSTA RICA	6	32	4	3	10	35
DOMINICAN REP.	16	45	18	164	34	209
FR. W. INDIES	-	-	-	-	-	-
GUATEMALA	4	4	4	43	8	48
HAITI	6	5	-	-	6	5
HONDURAS	3	14	2	48	5	62
JAMAICA	5	37	3	77	8	114
LW & WW IS.	4	41	6	149	10	191
NICARAGUA	3	6	-	-	3	6
N. ANTILLES	40	31	10	57	50	87
PANAMA	771	176	15	130	786	306
SALVADOR	-	-	5	233	5	233
TRINIDAD	13	45	10	98	23	142
TOTAL	893	645	81	1099	974	1744
OTHER S. AMER						
BOLIVIA	3	1	-	-	3	49
ECUADOR	36	172	58	603	94	775
FRENCH GUIANA	-	-	-	-	-	-
GUYANA	-	-	-	-	-	-
PARAGUAY	-	-	-	-	-	-
SURINAM	1	72	1	62	2	134
URUGUAY	1	7	1	1	2	9
TOTAL	41	252	60	714	101	966
OTHER ASIA						
AFGHANISTAN	-	-	-	-	-	-
ADEN	-	-	-	-	-	-
ARAB EMIRATES	265	189	16	23	281	212
BAHRAIN	9	12	-	-	9	12
BANGLADASH	2	3	1	30	3	33
BRUNEI	-	-	-	-	-	-
BURMA	-	-	1	50	1	50
CHINA	9	662	4	279	13	941
GAZA STRIP	-	-	-	-	-	-
HONG KONG	166	1007	20	554	186	1561
INDONESIA	20	383	4	68	24	451
IRAQ	3	45	-	-	3	45
JORDAN	37	235	3	239	40	474
KUWAIT	39	41	4	4	43	45
LEBANON	36	91	1	7	37	98
MALAYSIA	39	153	10	420	49	573
NEPAL	-	-	-	-	-	-
OMAN	19	24	-	-	19	24
PAKISTAN	15	143	-	-	15	143
QATAR	28	16	-	-	28	16
SAUDI ARABIA	1666	5423	177	2879	1843	8302
SRI LANKA	-	-	-	-	-	-
SYRIA	-	-	-	-	-	-
THAILAND	144	442	27	104	171	546
YEMEN	-	-	-	-	-	-
TOTAL	2497	8868	268	4657	2765	13525

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER OCEANIA						
FR. PAC. IS.	-	-	-	-	-	-
NEW GUINEA	7	7	2	73	9	[illegible]
TERR. PAC. IS.	1	1	-	-	1	[illegible]
OTH. PAC. IS.	1	1	-	-	1	[illegible]
TOTAL	9	8	2	78	11	[illegible]
OTHER AFRICA						
BOTSWANA	-	-	-	-	-	-
ALGERIA	59	417	3	832	62	[illegible]
ANGOLA	1	14	-	-	1	[illegible]
BENIN	-	-	-	-	-	-
CAMEROON	-	-	-	-	-	-
CANARY ISLANDS	-	-	-	-	-	-
DAHOMEY	-	-	-	-	-	-
EGYPT	103	1862	36	821	139	[illegible]
ETHIOPIA	-	-	-	-	-	-
GABON	-	-	-	-	-	-
GHANA	3	96	6	5	9	[illegible]
GUINEA	10	382	-	-	10	382
KENYA	10	11	-	-	10	11
LIBERIA	1	4	-	-	1	4
LIBYA	3	28	-	-	3	28
MALAWI	-	-	-	-	-	-
MAURITANIA	-	-	3	16	3	16
MOROCCO	1	9	-	-	1	[illegible]
MOZAMBIQUE	-	-	-	-	-	-
NIGER	-	-	-	-	-	-
NIGERIA	82	212	4	1428	86	1640
RWANDA	-	-	-	-	-	-
SENEGAL	-	-	-	-	-	-
SIERRA LEONE	-	-	-	-	-	-
SOMALIA	-	-	-	-	-	-
S. W. AFRICA	13	21	-	-	13	21
SUDAN	-	-	-	-	-	-
SWAZILAND	-	-	-	-	-	-
TANZANIA	-	-	-	-	-	-
TUNISIA	-	-	-	-	-	-
ZIMBABWE	17	26	-	-	17	26
WEST AFRICA	-	-	-	-	-	-
ZAIRE	3	6	-	-	3	6
ZAMBIA	-	-	7	6	7	6
OTH WEST AFR.	14	51	-	-	14	51
IVORY COAST	152	384	-	-	152	384
MAURITIUS	-	-	-	-	-	-
TOGO	-	-	-	-	-	-
TOTAL	472	3524	59	3108	531	6632

RELEASED: September 23, 1982

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1982

674:		TOTAL 6 MO. UNITS	TOTAL 6 MO. $000	AUSTRIA UNITS	AUSTRIA $000	BELGIUM UNITS	BELGIUM $000	CZECHO. UNITS	CZECHO. $000
674:	METAL CUTTING								
3025	Gear Hobbers	69	6889	-	-	-	-	1	41
3035	Gear Shapers	9	462	-	-	-	-	-	-
3045	Gear Cutting Machines, N.E.C.	14	1986	-	-	-	-	-	-
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26'' or Less	515	42038	-	-	-	-	-	-
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26''	77	9814	-	-	-	-	-	-
3209	Horizontal Machining Centers, ATC, NC	186	25761	-	-	-	-	-	-
3211	Machining Centers, NC, N.E.C.	237	26060	-	-	-	-	-	-
3212	Single Station and Multi-Station Transfer Machines	27	3367	-	-	-	-	-	-
3213	Way Type Machines (Unit Heads)	-	-	-	-	-	-	-	-
3217	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	9	2035	-	-	-	-	-	-
3218	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	-	-	-	-	-	-	-	-
3219	Vertical Boring-Drilling-Milling Machines,NC	57	5744	1	166	-	-	3	110
3222	Horiz. Boring-Drilling-Milling Machines,non-NC	77	9251	-	-	-	-	2	138
3223	Vertical Boring-Drilling-Milling Machines,non-NC	1891	9020	-	-	1	3	1	7
3228	Drilling Machines,NC	4	281	-	-	-	-	-	-
3229	Drilling Machines, Multi-Spindle, non-NC	45	1727	1	12	-	-	-	-
3234	Drilling Machines, Radial, non-NC	583	5019	-	-	-	-	3	38
3236	Drilling Machines, Upright, Single Spindle, non-NC	78	407	-	-	-	-	-	-
3242	Drilling Machines, non-NC, N.E.C.	156	4252	-	-	-	-	2	26
3264	Milling Machines, NC	116	9433	-	-	-	-	2	27
3266	Milling Machines, Profiling, Dupl. & Die Sinking, non-NC	106	3248	-	-	-	-	-	-
3267	Milling Machines, Knee Type, non-NC	1732	16630	-	-	-	-	6	33
3268	Milling Machines, Bed Type, non-NC	123	5910	-	-	-	-	-	-
3269	Milling Machines, non-NC, N.E.C.	1648	14644	-	-	-	-	4	70
3276	Vertical Boring Machines, incl. VTL's, NC	23	4205	-	-	-	-	-	-
3277	Vertical Boring Machines, incl. VTL's, non-NC	90	6148	-	-	1	7	1	19
3281	Boring Machines, NC, N.E.C.	6	1248	-	-	-	-	-	-
3283	Boring Machines, non-NC, N.E.C.	91	8967	-	-	2	19	-	-
3507	Horizontal Lathes, NC, Less Than 25 HP	919	55070	-	-	-	-	-	-
3509	Horizontal Lathes, NC, 25-50 HP	476	44745	-	-	-	-	-	-
3511	Horizontal Lathes, NC, Over 50 HP	163	28505	-	-	-	-	-	-
3512	Horizontal Engine & Toolroom Lathes, non-NC	3572	39606	15	127	1	6	33	435
3513	Automatic Chucking Lathes, Single Spindle, non-NC	70	1356	-	-	2	102	-	-
3514	Automatic Chucking Lathes, Multi-Spindle, non-NC	78	2730	-	-	-	-	-	-
3515	Automatic Bar Machines, Single Spindle, non-NC	99	4116	-	-	5	435	-	-
3516	Automatic Bar Machines, Multi-Spindle, non-NC	40	2197	-	-	-	-	-	-
3518	Horizontal Lathes, non-NC, N.E.C.	484	11198	15	59	2	160	-	-
3521	Vertical Lathes, excl. VTL's, NC	150	14498	-	-	-	-	-	-
3522	Vertical Lathes, excl. VTL's, non-NC	703	14764	6	29	2	226	10	105
3527	Gear Tooth Grinding & Finishing Machines	60	4327	-	-	-	-	-	-
3528	Tool & Cutter Grinding Machines, NC	44	2432	-	-	-	-	-	-
3529	Tool & Cutter Grinding Machines, non-NC	553	11760	-	-	-	-	-	-
3533	Honing & Lapping Machines	114	3446	-	-	-	-	-	-
3539	Grinding Machines, Flat Surface, NC	8	1022	-	-	-	-	-	-
3541	Grinding Machines, Flat Surface Reciprocating Table,non-NC	388	7351	-	-	-	-	2	28
3543	Grinding Machines, Flat Surface, non-NC, N.E.C.	682	11120	2	78	-	-	1	8
3546	Grinding & Polishing Machines, NC, N.E.C.	30	2714	-	-	-	-	-	-
3554	External Grinding Machines, non-NC	201	6433	10	91	5	199	4	44
3556	Internal Grinding Machines, non-NC	81	2746	-	-	-	-	-	-
3558	Grinding, Polishing & Buffing Machines, non-NC, N.E.C.	106	2836	-	-	-	-	6	114
3559	Grinding Machines, non-NC, N.E.C.	409	12886	3	100	-	-	1	19
3562	Traveling Wire Electrical Discharge Machines	115	7363	-	-	-	-	-	-
3564	All Other Electrical Discharge Machines	56	3266	-	-	-	-	-	-
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	41	2591	-	-	6	114	-	-
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, non-NC	51	1965	1	75	1	132	-	-
3576	Metal Cutting Machine Tools, NC, N.E.C.	23	1589	3	231	-	-	-	-
3577	Sawing & Cut-off Machines, non-NC	506	7316	-	-	1	3	-	-
3578	Broaching Machines, non-NC	66	5248	-	-	-	-	-	-
3579	Metal Cutting Machine Tools, non-NC, N.E.C.	317	15780	-	-	2	5	1	7
4000	Metal Cutting Machine Tools, Used or Rebuilt*	6030	20734	-	-	75	373	28	160
5000	Metal Cutting Machine Tools, Less Than $2500*	589212	38143	1032	343	25	15	2	3
	TOTAL CUTTING YTD	613813	616470	1089	1310	131	1798	113	1427
674:	METAL FORMING								
1010	Die Casting Machines	73	3479	-	-	-	-	-	-
3582	Metal Forming Machine Tools, Used or Rebuilt	261	2124	-	-	4	86	-	-
3583	Metal Forming Machine Tools, Less Than $2500	16171	3164	40	1	-	-	-	-
3584	Punching & Shearing Machines, incl. Combination, NC	111	12792	-	-	1	285	-	-
3586	Shearing Machines, non-NC	310	3871	-	-	6	102	-	-
3587	Punching & Combination Punching & Shearing Machines, non-NC	453	4955	-	-	-	-	-	-
3588	Bending, Folding, Straightening & Flattening Machines, NC	25	1704	-	-	-	-	-	-
3589	Press Brakes, non-NC	167	3226	-	-	18	512	-	-
3591	Bending Rolls, Ram & Press Bending Machines, non-NC	75	2414	-	-	-	-	-	-
3592	Bending,Folding,Str. & Flattening Machines, non-NC, N.E.C.	451	8181	1	4	-	-	-	-
3593	Metal Forming Machine Tools, NC, N.E.C.	6	1742	1	1355	-	-	-	-
3594	Mechanical Presses, non-NC	97	4696	1	1	3	598	-	-
3595	Hydraulic Presses, Vertical, Single Action, non-NC	64	1422	-	-	-	-	-	-
3596	Hydraulic & Pneumatic Presses, non-NC, N.E.C.	134	10223	-	-	-	-	-	-
3597	Headers & Upsetters, non-NC	82	7717	-	-	2	222	-	-
3598	Forging Machines, non-NC, N.E.C.	23	5490	-	-	-	-	-	-
3599	Metal Forming Machine Tools, non-NC, N.E.C.	426	18291	-	-	7	382	-	-
	TOTAL FORMING YTD	18929	95505	43	1360	41	2191	-	-
	TOTAL ALL TYPES YTD	632742	711975	1132	2670	172	3989	113	1427

Source: U.S. Department of Commerce, Census Report No. IM146; National Machine Tool Builders' Association.

NOTES: 1) a/Dollar amount less than $500; 2) N.E.C. = Not Elsewhere Classified; 3) Individual items may not add to totals due to rounding.
4) Machine tool imports, as reflected in the government statistics, are actually undervalued since they reflect values in the country of origin and do not include ocean freight, insurance, dealer's commission or import duties.
5) Beginning in January 1980, foreign trade data for die casting machines are included in the metal forming total. U.S. die casting imports are not available for previous years.

*Code 6744000 shown above represents combined data from codes 674:3015,3215,3226,3261,3272,3502,3524 & 3573.
Code 6745000 shown above represents combined data from codes 674:3227,3262,3273,3503,3526 & 3574.

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1982

	DENMARK		E. GERMANY		FRANCE		ITALY		NETHERLANDS		NORWAY		POLAND	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	-	-	3	108	-	-	-	-	-	-	-	-	-	-
3035	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	1	3	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	1	188	-	-	-	-	-	-
3209	-	-	-	-	-	-	1	258	-	-	-	-	-	-
3211	-	-	-	-	-	-	5	624	-	-	-	-	-	-
3212	-	-	-	-	-	-	1	279	-	-	-	-	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	-	-	1	204	-	-	-	-	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	-	-	1	200	-	-	-	-	-	-
3222	-	-	-	-	-	-	2	11f	-	-	-	-	-	-
3223	-	-	-	-	-	-	7	59	-	-	-	-	10	1010
3228	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3229	6	24	-	-	-	-	34	153	-	-	-	-	-	-
3234	-	-	1	9	1	3	21	246	-	-	-	-	28	303
3236	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3242	-	-	-	-	-	-	3	71	-	-	-	-	-	-
3264	-	-	1	12	3	103	3	123	-	-	-	-	-	-
3266	-	-	-	-	-	-	5	715	-	-	-	-	-	-
3267	-	-	-	-	4	105	-	-	-	-	-	-	47	766
3268	-	-	-	-	2	120	12	534	-	-	-	-	-	-
3269	2	33	7	136	8	308	76	1623	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	13	209	-	-	-	-	7	414
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	3	48	3	422	2	4	18	185	-	-	-	-	-	-
3507	-	-	-	-	37	1910	11	498	-	-	-	-	-	-
3509	-	-	-	-	16	974	7	425	-	-	-	-	-	-
3511	-	-	-	-	1	599	3	1985	-	-	-	-	-	-
3512	-	-	-	-	9	284	82	2029	1	3	-	-	95	1916
3513	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3514	-	-	-	-	7	302	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	2	1015	-	-	-	-	2	87
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	11	137	2	12	1	3	-	-	-	-
3521	-	-	-	-	-	-	3	819	-	-	-	-	-	-
3522	-	-	-	-	3	92	12	572	-	-	-	-	4	177
3527	-	-	2	293	-	-	2	110	-	-	-	-	-	-
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	2	10	2	20	-	-	24	226	7	195	-	-	-	-
3533	-	-	-	-	-	-	-	-	1	37	-	-	-	-
3539	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	1	19	-	-	-	-	8	61
3543	4	4	-	-	-	-	92	1733	2	6	-	-	16	128
3546	-	-	-	-	-	-	4	321	-	-	-	-	-	-
3554	-	-	2	53	-	-	30	596	1	5	-	-	-	-
3556	-	-	-	-	1	3	4	137	1	41	-	-	-	-
3558	6	84	-	-	-	-	2	44	-	-	-	-	-	-
3559	5	22	-	-	14	199	59	1231	3	53	-	-	6	35
3562	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3564	-	-	-	-	5	76	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3571	7	34	-	-	1	5	-	-	-	-	-	-	-	-
3576	-	-	-	-	1	26	-	-	-	-	-	-	-	-
3577	4	67	-	-	7	198	17	331	4	26	-	-	-	-
3578	-	-	-	-	-	-	47	170	-	-	-	-	-	-
3579	7	83	1	74	5	129	44	4800	6	16	1	4	-	-
4000	5	7	41	236	93	380	31	376	63	377	4	124	6	141
5000	288	89	-	-	1317	403	9276	997	205	85	1	a/	1	2
CUT YTD	339	504	63	1362	1548	6358	9959	24228	296	851	6	129	230	5041
1010	-	-	-	-	-	-	4	77	-	-	-	-	-	-
3582	3	18	-	-	4	4	9	25	12	33	-	-	-	-
3583	1	2	-	-	786	174	472	204	25	23	-	-	-	-
3584	-	-	-	-	1	85	1	118	-	-	-	-	-	-
3586	3	39	-	-	5	93	31	182	-	-	-	-	-	-
3587	-	-	-	-	-	-	45	289	-	-	2	54	-	-
3588	-	-	-	-	-	-	4	257	-	-	-	-	-	-
3589	7	79	-	-	3	147	1	126	-	-	-	-	-	-
3591	3	50	-	-	1	69	5	20	-	-	-	-	-	-
3592	1	99	-	-	12	1581	117	1193	1	3	1	50	-	-
3593	-	-	-	-	-	-	2	29	-	-	-	-	-	-
3594	-	-	-	-	-	-	16	187	-	-	-	-	-	-
3595	-	-	-	-	2	26	23	667	-	-	-	-	-	-
3596	3	63	-	-	1	46	5	115	-	-	-	-	-	-
3597	-	-	-	-	-	-	7	651	-	-	-	-	-	-
3598	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3599	9	52	-	-	10	570	55	1111	8	205	8	446	-	-
FRM YTD	30	403	-	-	825	2794	797	5251	46	264	11	549	-	-
TOT YTD	369	907	63	1362	2373	9152	10756	29479	342	1115	17	678	230	5041

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1982

	PORTUGAL		SPAIN		SWEDEN		SWITZERLAND		U. KINGDOM		W. GERMANY		YUGOSLAVIA	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	-	-	-	-	-	-	4	128	-	-	34	4818	-	-
3035	-	-	-	-	-	-	-	-	8	336	1	125	-	-
3085	-	-	-	-	-	-	2	207	5	949	4	789	-	-
3204	-	-	-	-	1	4	-	-	2	843	2	84	-	-
3206	-	-	-	-	-	-	2	976	-	-	-	-	-	-
3209	-	-	-	-	-	-	1	774	-	-	10	963	1	230
3211	-	-	-	-	-	-	-	-	2	110	4	838	-	-
3212	-	-	-	-	-	-	12	2092	-	-	6	842	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	1	100	3	320	-	-	-	-	1	667	2	641	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	-	-	-	-	4	1010	43	3202	2	270
3222	-	-	7	560	-	-	-	-	10	1518	1	247	7	1325
3223	-	-	27	183	2	1	7	2162	40	1475	52	1868	-	-
3228	-	-	1	22	-	-	-	-	-	-	3	258	-	-
3229	-	-	-	-	-	-	-	-	-	-	1	67	-	-
3234	17	99	86	659	8	32	-	-	13	102	3	34	-	-
3236	-	-	19	95	8	34	-	-	21	135	11	70	-	-
3242	-	-	44	285	-	-	25	1755	7	313	33	1345	-	-
3264	-	-	7	119	4	438	13	1985	3	409	3	651	-	-
3266	-	-	-	-	2	97	5	85	7	63	30	1235	-	-
3267	-	-	712	3830	7	188	1	74	63	3158	65	409	-	-
3268	-	-	14	562	2	195	1	15	11	1670	5	386	-	-
3269	-	-	57	679	7	161	17	455	33	1712	26	1622	-	-
3276	-	-	-	-	-	-	1	176	3	1062	3	966	-	-
3277	-	-	2	269	1	18	3	434	7	643	22	1776	1	230
3281	-	-	-	-	-	-	-	-	1	398	1	357	-	-
3283	-	-	4	227	1	9	3	50	15	3133	19	2466	-	-
3507	-	-	-	-	-	-	1	53	4	214	8	586	-	-
3509	-	-	-	-	14	967	1	182	6	681	22	2186	-	-
3511	-	-	-	-	16	2478	2	346	3	418	7	1481	-	-
3512	-	-	94	1796	-	-	6	146	510	5964	19	525	97	1184
3513	-	-	-	-	-	-	7	188	22	340	1	167	-	-
3514	-	-	-	-	-	-	7	94	8	1436	1	234	-	-
3515	-	-	2	60	-	-	12	309	2	248	7	256	-	-
3516	-	-	-	-	-	-	7	283	28	1514	2	267	-	-
3518	-	-	1	17	1	10	2	124	10	481	15	1378	56	592
3521	-	-	-	-	9	858	2	344	13	1317	4	718	-	-
3522	-	-	10	247	-	-	13	459	86	3237	41	2242	11	156
3527	-	-	-	-	2	11	10	1899	5	205	24	1276	-	-
3528	-	-	-	-	-	-	3	313	-	-	22	975	-	-
3529	-	-	8	74	3	41	65	3079	166	2411	139	4706	-	-
3533	-	-	-	-	-	-	3	465	66	905	35	1898	-	-
3539	-	-	-	-	-	-	-	-	-	-	5	733	-	-
3541	-	-	3	74	-	-	1	134	2	168	67	2466	-	-
3543	-	-	17	203	4	73	18	921	42	1972	17	687	4	103
3546	-	-	-	-	1	143	1	92	-	-	2	240	-	-
3554	-	-	6	128	-	-	37	2096	24	484	11	595	-	-
3556	-	-	3	104	1	174	12	410	4	117	7	478	-	-
3558	-	-	2	54	-	-	4	386	2	69	39	992	6	119
3559	-	-	9	39	4	575	12	1000	37	694	66	3415	-	-
3562	-	-	-	-	-	-	50	3624	-	-	-	-	-	-
3564	-	-	2	49	1	22	26	575	7	1846	-	-	-	-
3567	-	-	-	-	-	-	-	-	21	1350	4	162	-	-
3571	-	-	-	-	1	19	2	104	18	708	8	196	-	-
3576	-	-	-	-	-	-	-	-	2	134	1	150	-	-
3577	-	-	21	134	2	31	10	205	113	585	137	3095	-	-
3578	-	-	1	13	-	-	-	-	6	4109	12	956	-	-
3579	-	-	15	79	4	48	13	185	44	1009	54	4724	-	-
4000	-	-	81	381	37	234	248	929	1402	8842	444	5890	-	-
5000	51	88	94	156	379	267	1079	195	1568	941	4702	1261	-	-
CUT YTD	69	287	1352	11418	522	7124	1751	30506	4477	62099	6307	70992	187	4209
1010	-	-	-	-	-	-	1	11	4	13	16	794	-	-
3582	-	-	-	-	4	3	11	446	131	906	36	267	-	-
3583	-	-	58	27	66	100	537	79	247	183	1191	391	-	-
3584	-	-	-	-	-	-	20	2826	1	142	18	2102	-	-
3586	-	-	-	-	3	31	-	-	81	690	35	431	-	-
3587	-	-	11	60	12	248	71	498	-	-	101	1433	-	-
3588	-	-	-	-	1	33	1	11	2	36	14	1150	-	-
3589	-	-	-	-	9	285	-	-	12	166	-	-	-	-
3591	-	-	-	-	54	1310	2	44	5	837	2	8	-	-
3592	-	-	86	832	17	288	4	198	14	518	64	1688	-	-
3593	-	-	-	-	-	-	-	-	-	-	1	178	-	-
3594	-	-	6	42	-	-	1	6	9	105	3	197	-	-
3595	-	-	1	15	1	12	1	9	1	6	6	367	-	-
3596	-	-	-	-	22	2759	3	264	16	594	19	1676	-	-
3597	-	-	-	-	-	-	6	762	1	135	33	3637	-	-
3598	-	-	-	-	-	-	1	2	3	75	15	5135	-	-
3599	-	-	8	133	17	953	17	961	56	1606	138	5128	-	-
FRM YTD	-	-	170	1110	206	6023	676	6115	583	6012	1692	24582	-	-
TOT YTD	69	287	1522	12528	728	13147	2427	36621	5060	68111	7999	95574	187	4209

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1982

	CANADA		INDIA		JAPAN		TAIWAN		AUSTRALIA		ALL OTHERS	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	-	-	-	-	10	997	-	-	-	-	17	798
3035	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	2	38	-	-	-	-	-	-
3204	-	-	-	-	509	41047	-	-	-	-	1	59
3206	-	-	-	-	73	8486	-	-	-	-	1	164
3209	-	-	-	-	165	22130	1	173	-	-	7	1232
3211	-	-	-	-	218	23329	6	357	-	-	2	802
3212	8	155	-	-	-	-	-	-	-	-	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	1	103	-	-	-	-	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	2	97	-	-	-	-	1	689
3222	-	-	-	-	27	2566	-	-	-	-	21	2784
3223	1	a/	-	-	74	1131	1657	879	-	-	12	240
3228	-	-	-	-	-	-	-	-	-	-	-	-
3229	3	1472	-	-	-	-	-	-	-	-	-	-
3234	-	-	5	63	210	2284	154	847	-	-	33	303
3236	3	8	-	-	7	38	8	22	-	-	1	4
3242	4	41	-	-	9	173	17	63	-	-	12	181
3264	-	-	1	11	63	5227	9	173	-	-	4	160
3266	1	94	-	-	9	711	20	114	-	-	27	135
3267	255	3609	4	44	131	2712	373	1186	-	-	64	516
3268	-	-	-	-	58	2188	11	101	-	-	7	141
3269	2	92	-	-	28	1594	1296	5181	-	-	85	980
3276	-	-	-	-	16	2005	-	-	-	-	-	-
3277	-	-	-	-	11	1202	6	19	-	-	15	910
3281	-	-	-	-	4	493	-	-	-	-	-	-
3283	13	1805	1	110	4	399	1	7	-	-	2	84
3507	-	-	1	53	786	49790	39	672	-	-	32	1294
3509	-	-	-	-	407	39084	2	151	-	-	1	95
3511	-	-	-	-	131	21199	-	-	-	-	-	-
3512	28	358	15	201	121	5387	1493	9504	-	-	553	9743
3513	-	-	-	-	6	293	22	214	-	-	10	51
3514	-	-	-	-	4	138	13	236	-	-	38	292
3515	-	-	-	-	36	1214	3	63	-	-	25	433
3516	-	-	-	-	3	134	-	-	-	-	-	-
3518	-	-	38	176	83	5566	180	1537	-	-	65	947
3521	9	444	-	-	94	9366	15	588	-	-	1	45
3522	3	143	7	421	47	3118	216	1162	-	-	232	2380
3527	-	-	-	-	3	329	1	9	-	-	11	196
3528	-	-	-	-	15	1114	-	-	-	-	4	30
3529	2	15	1	3	42	420	43	191	-	-	49	368
3533	2	8	-	-	7	134	-	-	-	-	-	-
3539	-	-	-	-	3	289	-	-	-	-	-	-
3541	-	-	-	-	196	2843	9	36	-	-	99	1523
3543	-	-	-	-	140	2826	218	1032	-	-	105	1345
3546	-	-	-	-	22	1921	-	-	-	-	-	-
3554	-	-	-	-	28	1715	28	160	-	-	15	269
3556	-	-	1	66	30	1095	11	49	-	-	6	75
3558	-	-	-	-	17	849	18	90	-	-	4	37
3559	36	943	-	-	71	3988	60	311	-	-	23	262
3562	-	-	-	-	65	3739	-	-	-	-	-	-
3564	-	-	-	-	12	651	-	-	-	-	3	48
3567	-	-	-	-	10	965	-	-	-	-	-	-
3571	3	150	-	-	7	443	1	9	1	90	-	-
3576	-	-	-	-	16	1049	-	-	-	-	-	-
3577	2	9	-	-	94	1680	74	279	-	-	20	672
3578	-	-	-	-	-	-	-	-	-	-	-	-
3579	28	571	10	176	71	3677	7	109	-	-	4	84
4000	87	1034	1	3	1301	724	2061	284	-	-	22	238
5000	4266	893	11	12	38475	4572	523928	27347	-	-	2512	474
CUT YTD	4756	11844	96	1337	43974	289259	532001	53151	1	90	4546	31083
1010	23	1291	-	-	25	1294	-	-	-	-	-	-
3582	17	194	-	-	19	71	1	9	6	58	4	5
3583	1254	314	114	8	5968	1157	5149	409	1	'	262	91
3584	-	-	-	-	68	7137	-	-	-	-	1	94
3586	8	268	-	-	118	1696	4	37	-	-	16	302
3587	5	86	-	-	201	2274	5	15	-	-	-	-
3588	1	146	-	-	2	71	-	-	-	-	-	-
3589	29	761	-	-	81	937	-	-	-	-	7	214
3591	2	9	-	-	1	67	-	-	-	-	-	-
3592	93	1237	-	-	28	326	-	-	-	-	12	164
3593	-	-	-	-	2	180	-	-	-	-	-	-
3594	24	533	-	-	34	3028	-	-	-	-	-	-
3595	18	53	-	-	7	243	-	-	-	-	4	25
3596	15	355	-	-	46	4080	2	25	-	-	2	245
3597	-	-	-	-	33	2309	-	-	-	-	-	-
3598	1	7	-	-	-	-	1	41	-	-	2	230
3599	39	1509	-	-	44	4836	1	18	-	-	9	381
FRM YTD	1529	6762	114	8	6677	29704	5163	554	7	58	319	1750
TOT YTD	6285	18606	210	1345	50651	318963	537164	53705	8	148	4865	32833

JANUARY - JUNE 1982 - U.S. IMPORTS OF MACHINE TOOLS
Total and Countries of Origin

The following is a breakdown of the activity by country which is included in the ALL OTHER column on page 4.

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
EUROPE						
AZORES	-	-	-	-	-	-
BULGARIA	46	184	-	-	46	184
CYPRUS	-	-	-	-	-	-
FINLAND	172	93	121	93	293	186
GREECE	-	-	-	-	-	-
HUNGARY	26	1942	1	10	27	1952
ICELAND	-	-	-	-	-	-
IRELAND	1	22	1	5	2	27
ROMANIA	40	1346	-	-	40	1346
USSR	13	288	-	-	13	288
GIBRALTAR	-	-	-	-	-	-
MALTA	-	-	-	-	-	-
TOTAL	298	3874	123	107	421	3981
OTHER N.&C.AM						
BAHAMAS	-	-	-	-	-	-
BARBADOS	-	-	-	-	-	-
BELIZE	-	-	-	-	-	-
BERMUDA	-	-	-	-	-	-
CAYMAN	-	-	-	-	-	-
COSTA RICA	-	-	-	-	-	-
DOMINICAN REP.	-	-	-	-	-	-
FR. W. INDIES	-	-	-	-	-	-
GUATEMALA	-	-	-	-	-	-
HAITI	-	-	-	-	-	-
HONDURAS	-	-	-	-	-	-
JAMAICA	-	-	-	-	-	-
LW & WW IS.	-	-	-	-	-	-
MEXICO	3	10	58	10	61	21
NICARAGUA	5	a/	-	-	5	a/
N. ANTILLES	-	-	-	-	-	-
PANAMA	-	-	-	-	-	-
SALVADOR	-	-	-	-	-	-
TRINIDAD	-	-	-	-	-	-
TOTAL	8	11	58	10	66	21
OTHER S. AMER						
ARGENTINA	27	454	-	-	27	454
BOLIVIA	-	-	-	-	-	-
BRAZIL	151	5171	10	287	161	5458
CHILE	-	-	-	-	-	-
COLOMBIA	-	-	-	-	-	-
ECUADOR	-	-	-	-	-	-
FRENCH GUIANA	-	-	-	-	-	-
GUYANA	-	-	-	-	-	-
PARAGUAY	-	-	-	-	-	-
PERU	1	16	10	3	11	19
SURINAM	-	-	-	-	-	-
URUGUAY	-	-	-	-	-	-
VENEZUELA	-	-	-	-	-	-
TOTAL	179	5641	20	290	199	5930
OTHER ASIA						
AFGHANISTAN	-	-	-	-	-	-
ADEN	-	-	-	-	-	-
ARAB EMIRATES	-	-	-	-	-	-
BAHRAIN	-	-	-	-	-	-
BANGLADASH	-	-	-	-	-	-
BRUNEI	-	-	-	-	-	-
BURMA	-	-	-	-	-	-
CHINA	499	2366	-	-	499	2366
GAZA STRIP	-	-	-	-	-	-
HONG KONG	2003	128	16	7	2019	135
INDONESIA	-	-	-	-	-	-
IRAN	-	-	-	-	-	-
IRAQ	-	-	-	-	-	-
ISRAEL	29	882	36	1051	65	1933
JORDAN	-	-	-	-	-	-
KOREAN REP.	867	9765	59	177	926	9942
KUWAIT	-	-	-	-	-	-
LEBANON	-	-	-	-	-	-
MALAYSIA	-	-	-	-	-	-
NEPAL	-	-	-	-	-	-
OMAN	-	-	-	-	-	-
PAKISTAN	-	-	-	-	-	-
PHILLIPINES	-	-	-	-	-	-
QATAR	-	-	-	-	-	-
SAUDI ARABIA	-	-	-	-	-	-
SINGAPORE	659	7700	-	-	659	7700
SRI LANKA	-	-	-	-	-	-
SYRIA	-	-	1	1	1	1
THAILAND	-	-	1	1	1	1
TURKEY	-	-	-	-	-	-
YEMEN	-	-	-	-	-	-
TOTAL	4057	20840	113	1236	4170	22077

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER OCEANIA						
FR. PAC. IS.	-	-	-	-	-	-
NEW GUINEA	-	-	-	-	-	-
NEW ZEALAND	2	9	3	90	5	100
TERR. PAC. IS.	-	-	-	-	-	-
OTH. PAC. IS.	-	-	-	-	-	-
TOTAL	2	9	3	90	5	100
OTHER AFRICA						
BOTSWANA	-	-	-	-	-	-
ALGERIA	-	-	-	-	-	-
ANGOLA	-	-	-	-	-	-
BENIN	-	-	-	-	-	-
CAMEROON	-	-	-	-	-	-
CANARY ISLANDS	-	-	-	-	-	-
DAHOMEY	-	-	-	-	-	-
EGYPT	-	-	-	-	-	-
ETHIOPIA	-	-	-	-	-	-
GABON	-	-	-	-	-	-
GHANA	-	-	-	-	-	-
GUINEA	-	-	-	-	-	-
KENYA	-	-	-	-	-	-
LIBERIA	-	-	-	-	-	-
LIBYA	-	-	-	-	-	-
MALAWI	-	-	-	-	-	-
MAURITANIA	-	-	-	-	-	-
MOROCCO	-	-	-	-	-	-
MOZAMBIQUE	-	-	-	-	-	-
NIGER	-	-	-	-	-	-
NIGERIA	-	-	-	-	-	-
REP. S. AFRICA	2	708	2	17	4	725
RWANDA	-	-	-	-	-	-
SENEGAL	-	-	-	-	-	-
SIERRA LEONE	-	-	-	-	-	-
SOMALIA	-	-	-	-	-	-
S. W. AFRICA	-	-	-	-	-	-
SUDAN	-	-	-	-	-	-
SWAZILAND	-	-	-	-	-	-
TANZANIA	-	-	-	-	-	-
TUNISIA	-	-	-	-	-	-
ZIMBABWE	-	-	-	-	-	-
WEST AFRICA	-	-	-	-	-	-
ZAIRE	-	-	-	-	-	-
TOTAL	2	708	2	17	4	725

BEST AVAILABLE COPY

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1982

RELEASED: September 23, 1982

Code	Type of Machine	TOTAL YTD UNITS	TOTAL YTD $000	TOTAL MO. UNITS	TOTAL MO. $000	AUSTRIA UNITS	AUSTRIA $000	BELGIUM UNITS	BELGIUM $000
674:	METAL CUTTING								
3020	Gear Hobbers & Shapers	20	2349	3	426	-	-	-	-
3045	Gear Cutting Machines, N.E.C.	114	14833	13	2309	-	-	-	-
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26'' or Less	24	2202	1	148	-	-	-	-
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26''	4	823	-	-	-	-	-	-
3209	Horizontal Machining Centers, ATC, NC	54	14337	5	1261	-	-	-	-
3211	Machining Centers, NC, N.E.C.	53	5862	3	189	-	-	-	-
3216	Single Station and Multi-Station Transfer Machines	21	12234	3	1399	-	-	-	-
3225	Way Type Machines (Unit Heads)	13	2399	2	886	-	-	-	-
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	7	2618	-	-	-	-	-	-
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	2	1049	-	-	-	-	-	-
3247	Vertical Boring-Drilling-Milling Machines, NC	5	1755	-	-	-	-	-	-
3248	Horiz. Boring-Drilling-Milling Machines, non-NC	13	2376	1	40	-	-	-	-
3249	Vertical Boring-Drilling-Milling Machines, non-NC	20	940	3	384	-	-	-	-
3254	Drilling Machines, NC	7	575	4	382	-	-	-	-
3255	Drilling Machines, Multi-Spindle, non-NC	23	2118	-	-	-	-	-	-
3256	Drilling Machines, Radial, non-NC	17	1022	4	153	-	-	-	-
3257	Drilling Machines, Upright, Single Spindle, non-NC	35	426	5	34	-	-	-	-
3258	Drilling Machines, non-NC, N.E.C.	101	2645	15	459	-	-	-	-
3264	Milling Machines, NC	43	8163	14	1519	-	-	13	974
3266	Milling Machines, Profiling, Dupl. & Die Sinking, non-NC	35	1283	6	192	-	-	-	-
3267	Milling Machines, Knee Type, non-NC	-	-	-	-	-	-	-	-
3268	Milling Machines, Bed Type, non-NC	2	99	-	-	-	-	-	-
3269	Milling Machines, non-NC, N.E.C.	82	4620	22	1331	-	-	-	-
3276	Vertical Boring Machines, incl. VTL's, NC	4	1318	2	793	-	-	-	-
3277	Vertical Boring Machines, incl. VTL's, non-NC	41	7167	6	188	-	-	-	-
3281	Boring Machines, NC, N.E.C.	6	631	-	-	-	-	-	-
3283	Boring Machines, non-NC, N.E.C.	46	1565	11	146	-	-	-	-
3504	Horizontal Lathes, NC, Less Than 25 HP	97	7591	5	296	-	-	-	-
3506	Horizontal Lathes, NC, 25-50 HP	41	8531	8	1559	-	-	-	-
3508	Horizontal Lathes, NC, Over 50 HP	14	6137	2	1331	-	-	-	-
3510	Horizontal Engine & Toolroom Lathes, non-NC	66	1556	16	370	-	-	-	-
3511	Automatic Chucking Lathes, Single Spindle, non-NC	4	591	-	-	-	-	-	-
3512	Automatic Chucking Lathes, Multi-Spindle, non-NC	13	1904	2	80	-	-	-	-
3515	Automatic Bar Machines, Single Spindle, non-NC	22	991	2	56	-	-	-	-
3516	Automatic Bar Machines, Multi-Spindle, non-NC	16	1594	1	450	-	-	-	-
3518	Horizontal Lathes, non-NC, N.E.C.	205	6659	44	1337	-	-	-	-
3519	Vertical Lathes, excl. VTL's, NC	12	2252	3	805	-	-	-	-
3525	Vertical Lathes, excl. VTL's, non-NC	75	7374	17	1244	-	-	-	-
3528	Grinding, Polishing, Honing & Lapping Machines, NC	42	6892	5	1007	-	-	-	-
3529	Gear Tooth Grinding & Finishing Machines, non-NC	69	5485	5	965	-	-	-	-
3531	Tool & Cutter Grinding Machines, non-NC	150	5125	34	1507	-	-	1	27
3532	Honing & Lapping Machines, non-NC	146	1996	16	172	-	-	-	-
3533	Grinding Machines, Flat Surface Reciprocating Table, non-NC	60	915	9	172	-	-	-	-
3538	Grinding Machines, Flat Surface, non-NC, N.E.C.	106	8566	20	1114	-	-	-	-
3541	External Grinding Machines, non-NC	30	4816	1	16	-	-	-	-
3542	Internal Grinding Machines, non-NC	18	2772	-	-	-	-	-	-
3544	Grinding, Polishing & Buffing Machines, non-NC, N.E.C.	79	4316	15	1284	-	-	-	-
3546	Grinding Machines, non-NC, N.E.C.	234	6858	30	924	-	-	-	-
3547	Traveling Wire Electrical Discharge Machines	12	58	2	15	-	-	-	-
3549	All Other Electrical Discharge Machines	63	757	14	249	-	-	-	-
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	1	211	-	-	-	-	-	-
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, non-NC	34	834	5	119	-	-	-	-
3559	Metal Cutting Machine Tools, NC, N.E.C.	20	1591	5	173	-	-	-	-
3565	Sawing & Cut-off Machines, non-NC	267	4901	79	1640	-	-	-	-
3566	Broaching Machines, non-NC	25	4679	3	645	-	-	-	-
3567	Metal Cutting Machine Tools, non-NC, N.E.C.	273	7914	44	1999	-	-	-	-
4000	Metal Cutting Machine Tools, Used or Rebuilt*	1708	15883	390	2489	-	-	-	-
5000	Metal Cutting Machine Tools, Less Than $2500*	23599	8186	5356	1591	1	2	25	12
	TOTAL CUTTING			6256	35854	1	2	39	1013
	TOTAL CUTTING YTD	28293	233393			10	450	284	1904
674:	METAL FORMING								
1011	Die Casting Machines & Parts	-	5006	-	601	-	4	-	3
3568	Metal Forming Machine Tools, Used or Rebuilt	522	8065	115	1839	-	-	1	4
3569	Metal Forming Machine Tools, Less Than $2500	4117	2298	623	356	-	-	22	5
3571	Punching & Shearing Machines, incl. Combination, NC	36	5217	3	401	-	-	-	-
3573	Shearing Machines, non-NC	45	2102	4	90	-	-	-	-
3575	Punching & Combination Punching & Shearing Machines, non-NC	364	11275	52	1230	-	-	2	41
3578	Bending, Folding, Straightening & Flattening Machines, NC	97	6536	26	2027	-	-	1	212
3582	Press Brakes, non-NC	76	1765	10	451	-	-	-	-
3583	Bending Rolls, Ram & Press Bending Machines, non-NC	37	2071	3	200	-	-	-	-
3584	Bending,Folding,Str. & Flattening Machines, non-NC, N.E.C.	267	12020	43	2047	-	-	-	-
3588	Mechanical Presses, non-NC	161	11872	45	2311	-	-	-	-
3589	Hydraulic Presses, Vertical, Single Action, non-NC	31	2663	5	680	-	-	-	-
3590	Hydraulic & Pneumatic Presses, non-NC, N.E.C.	192	13415	24	1058	-	-	-	-
3594	Headers & Upsetters, non-NC	32	5575	5	679	-	-	-	-
3595	Forging Machines, non-NC, N.E.C.	67	6068	15	862	-	-	-	-
3598	Metal Forming Machine Tools, non-NC, N.E.C.	523	22634	42	2738	-	-	1	60
	TOTAL FORMING			1015	17575	-	-	27	325
	TOTAL FORMING YTD	6567	118604			2	179	75	395
	TOTAL ALL TYPES			7271	53429	1	6	66	1338
	TOTAL ALL TYPES YTD	34860	351997			12	630	359	2299

Source: U.S. Department of Commerce, Census Report No. EM522; National Machine Tool Builders' Association.
NOTES: 1) a/Dollar amount less than $500; 2) N.E.C. - Not Elsewhere Classified; 3) Individual items may not add to totals due to rounding.
4) Beginning in January 1980, foreign trade data for die casting machines are included in the metal forming total.

*Code 6744000 shown above represents combined data from codes 674:3015,3241,3252,3261,3272,3501,3526 & 3554.
Code 6745000 shown above represents combined data from codes 674:3243,3253,3262,3273,3502,3527 & 3557.

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1982

	DENMARK		FINLAND		FRANCE		GREECE		IRELAND		ITALY		NETHERLANDS	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	1	20
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3264	-	-	-	-	1	545	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	-	-	9	184	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	4	140	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	1	21	1	9	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	1	200	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	3	15	-	-	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3532	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3538	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	-	-	-	-	-	-	-	-	1	259	-	-
3546	-	-	-	-	3	20	-	-	-	-	2	25	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	1	3	-	-	3	23	-	-	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	-	-	-	-	-	-	-	-	-	-	1	11	6	110
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	3	191	-	-	-	-	-	-	-	-
4000	-	-	-	-	-	-	-	-	2	1	4	81	1	1
5000	-	-	2	3	64	34	-	-	-	-	-	-	89	41
CUT MO.	1	3	3	23	75	821	-	-	6	216	21	700	97	172
CUT YTD	453	673	18	1917	181	9513	6	167	28	1579	743	3458	216	840
1011	-	3	-	3	-	59	-	-	-	-	-	2	-	4
3568	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3569	29	20	-	-	46	13	-	-	-	-	9	4	20	4
3571	-	-	-	-	1	110	-	-	-	-	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3575	-	-	2	56	-	-	-	-	1	89	-	-	-	-
3578	-	-	-	-	-	-	-	-	-	-	-	-	2	86
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	-	-	2	137	-	-	-	-	2	50	-	-
3588	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3590	1	19	-	-	-	-	-	-	-	-	-	-	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3598	1	6	-	-	-	-	-	-	-	-	1	14	-	-
FRM MO.	31	48	2	59	49	318	-	-	1	49	12	69	22	94
FRM YTD	99	234	23	3829	225	3074	25	911	18	718	45	4536	90	1715
TOT MO.	32	51	5	82	124	1140	-	-	7	266	33	769	119	266
TOT YTD	552	907	41	5747	406	12587	31	1078	46	2297	788	7994	306	2555

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1982

674:	NORWAY		POLAND		ROMANIA		SPAIN		SWEDEN		SWITZERLAND		U. KINGDOM	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	-	-	-	-	-	-	-	-	-	-	-	-	1	20
3045	-	-	-	-	-	-	1	259	-	-	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	1	148	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	2	136	1	387	1	472
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	2	1258
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	1	40	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	1	77
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	-	-	-	-	2	281
3276	-	-	-	-	-	-	-	-	-	-	-	-	1	31
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	4	237
3506	-	-	-	-	-	-	-	-	-	-	-	-	3	558
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	1	8	-	-	-	-	-	-	-	-	-	-	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	1	69	-	-
3531	-	-	-	-	-	-	-	-	8	70	-	-	3	81
3532	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	-	-	-	-	1	33	-	-	1	48	-	-
3538	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	-	-	-	-	-	-	-	-	1	80	-	-
3546	-	-	-	-	-	-	-	-	4	12	-	-	-	-
3547	-	-	-	-	-	-	-	-	-	-	2	15	-	-
3549	-	-	-	-	-	-	-	-	-	-	-	-	1	18
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	1	50
3559	-	-	-	-	-	-	-	-	-	-	-	-	1	18
3565	1	5	-	-	-	-	-	-	-	-	-	-	2	35
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	1	176	-	-	-	-	1	12
4000	-	-	-	-	-	-	-	-	-	-	-	-	1	3
5000	-	-	-	-	-	-	-	-	1	1	25	19	83	28
CUT MO.	2	13	-	-	-	-	3	467	15	219	33	807	108	3178
CUT YTD	14	22	-	-	4	1194	20	3153	138	1023	181	3556	1316	23166
1011	-	79	-	-	-	-	-	7	-	19	-	21	-	9
3568	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3569	1	1	-	-	-	-	-	-	-	-	-	-	1	1
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3575	-	-	-	-	-	-	-	-	-	-	-	-	3	52
3578	-	-	-	-	-	-	-	-	1	38	-	-	4	134
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	-	-	-	-	-	-	-	-	-	-	1	26
3588	-	-	-	-	-	-	-	-	-	-	-	-	1	54
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3590	-	-	-	-	-	-	-	-	1	27	-	-	1	50
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3598	1	22	-	-	-	-	-	-	-	-	1	978	4	438
FRM MO.	2	102	-	-	-	-	-	-	2	84	1	999	15	765
FRM YTD	13	190	-	-	-	-	82	1967	19	1103	22	1420	192	6769
TOT MO.	4	115	-	-	-	-	3	473	17	302	34	1806	123	3943
TOT YTD	27	212	-	-	4	1194	102	5119	157	2127	203	4976	1508	29934

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1982

	USSR		W. GERMANY		YUGOSLAVIA		CANADA		MEXICO		OTH. N&C AM		ARGENTINA	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	1	235	-	-	-	-	1	171	-	-	-	-
3045	-	-	-	-	-	-	-	-	2	4[illegible]	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	1	46	-	-	-	-
3216	-	-	-	-	-	-	-	-	1	141	-	-	-	-
3225	-	-	-	-	-	-	-	-	2	886	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	1	110	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	1	119	1	23	-	-	-	-
3257	-	-	-	-	-	-	1	9	3	17	-	-	-	-
3258	-	-	-	-	-	-	1	3	2	7	1	6	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	1	17	-	-	-	-	3	141	-	-	-	-
3276	-	-	-	-	-	-	1	762	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	1	32	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	1	20	-	-	-	-
3504	-	-	-	-	-	-	1	59	-	-	-	-	-	-
3506	-	-	-	-	-	-	1	162	-	-	-	-	-	-
3508	-	-	-	-	-	-	1	560	-	-	-	-	1	771
3510	-	-	-	-	-	-	3	40	-	-	4	26	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	2	80	-	-	-	-
3515	-	-	-	-	-	-	-	-	1	49	-	-	-	-
3516	-	-	-	-	-	-	-	-	1	450	-	-	-	-
3518	-	-	1	81	-	-	4	29	18	996	1	9	-	-
3519	-	-	-	-	-	-	1	120	1	154	-	-	1	532
3525	-	-	-	-	-	-	-	-	11	228	-	-	-	-
3528	-	-	-	-	-	-	-	-	3	663	-	-	-	-
3529	-	-	-	-	-	-	-	-	3	221	-	-	-	-
3531	-	-	-	-	-	-	6	142	10	357	-	-	-	-
3532	-	-	-	-	-	-	2	48	12	46	-	-	-	-
3533	-	-	-	-	-	-	3	14	-	-	-	-	-	-
3538	-	-	-	-	-	-	1	5	5	452	1	3	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	3	69	-	-	1	4	2	17	-	-	-	-
3546	-	-	1	29	-	-	6	41	1	240	-	-	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	-	-	1	21	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	1	11	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	2	35	-	-	-	-
3565	-	-	-	-	-	-	9	87	3	46	1	4	-	-
3566	-	-	-	-	-	-	-	-	2	93	-	-	-	-
3567	-	-	1	28	-	-	1	32	23	1371	-	-	-	-
4000	-	-	-	-	-	-	16	718	144	658	2	10	-	-
5000	-	-	140	22	5	9	653	361	133	160	7	7	2	1
CUT MO.	-	-	148	480	5	9	715	3345	396	7946	17	65	4	1303
CUT YTD	2	70	830	8906	6	100	7550	35978	2658	46970	893	645	771	5249
1011	-	-	-	29	-	-	-	86	-	32	-	-	-	-
3568	-	-	-	-	-	-	30	147	49	1202	-	-	-	-
3569	-	-	38	7	-	-	118	68	146	125	8	5	-	-
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3575	-	-	-	-	-	-	4	86	5	115	1	50	-	-
3578	-	-	-	-	-	-	8	211	9	901	-	-	-	-
3582	-	-	-	-	-	-	2	64	3	257	1	7	-	-
3583	-	-	-	-	-	-	1	20	-	-	-	-	-	-
3584	-	-	-	-	-	-	1	4	17	1551	3	29	-	-
3588	-	-	-	-	-	-	2	297	17	1264	3	86	-	-
3589	-	-	-	-	-	-	1	78	4	601	-	-	-	-
3590	-	-	-	-	-	-	1	35	6	410	-	-	-	-
3594	-	-	-	-	-	-	-	-	5	679	-	-	-	-
3595	-	-	-	-	-	-	9	715	2	16	1	100	-	-
3598	-	-	3	21	-	-	8	236	9	195	-	-	-	-
FRM MO.	-	-	41	58	-	-	185	2047	272	7349	17	277	-	-
FRM YTD	-	-	192	1850	1	123	1598	14297	1185	38633	81	1099	1	46
TOT MO.	-	-	189	538	5	9	900	5392	668	15295	34	342	4	1303
TOT YTD	2	70	1022	10756	7	223	9148	50275	3843	85602	974	1744	772	5294

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1982

	BRAZIL		CHILE		COLOMBIA		PERU		VENEZUELA		OTH. S. AM.		INDIA	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	1	20	-	-	2	408	-	-	1	442
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	1	110	-	-	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	1	153	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	2	12	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	1	520	-	-	-	-	-	-	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	1	11	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	1	276	-	-	-	-	-	-	1	185	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	5	199	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	1	7	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	1	30	-	-	3	13	-	-	-	-	-	-	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	-	-	-	-	-	-	1	122
3528	1	20	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	1	329	-	-	-	-	-	-	-	-	-	-	1	219
3532	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3538	1	5	-	-	-	-	-	-	7	300	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3546	-	-	-	-	-	-	-	-	2	6	-	-	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	1	12	-	-	-	-
3565	1	11	-	-	-	-	-	-	-	-	-	-	-	-
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	1	4	4	22	-	-
4000	3	235	-	-	9	22	1	77	40	15	-	-	2	138
5000	1	2	-	-	142	73	6	10	1003	118	-	-	-	-
CUT MO.	13	1690	-	-	158	150	7	87	1062	1249	5	29	5	920
CUT YTD	71	8584	112	586	870	1195	66	213	1619	3536	41	252	71	3855
1011	-	181	-	-	-	8	-	2	-	-	-	-	-	3
3568	-	-	-	-	4	167	-	-	1	1	-	-	-	-
3569	15	14	-	-	-	-	-	-	82	38	6	1	1	2
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3573	-	-	-	-	-	-	-	-	1	50	-	-	-	-
3575	-	-	-	-	-	-	-	-	2	18	2	271	-	-
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	1	125	-	-	-	-	-	-	1	55	-	-	-	-
3584	-	-	-	-	-	-	-	-	4	25	-	-	-	-
3588	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3590	1	100	-	-	-	-	-	-	-	-	-	-	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	1	12	-	-	-	-	-	-	-	-
3598	1	7	-	-	-	-	-	-	11	755	-	-	-	-
FRM MO.	18	426	-	-	5	186	-	-	102	942	8	272	1	5
FRM YTD	57	1486	40	53	52	533	4	42	626	4891	60	714	18	1243
TOT MO.	31	2116	-	-	163	336	7	89	1164	2191	13	301	6	924
TOT YTD	128	10070	152	639	922	1728	70	255	2245	8427	101	966	89	5098

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1982

	IRAN		ISRAEL		JAPAN		KOREAN REP.		PHILLIPINES		SINGAPORE		TAIWAN	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	1	21	3	1069	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	1	266
3211	-	-	-	-	-	-	-	-	1	33	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	1	8	-	-	-	-	1	9
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	1	177
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	-	-	2	73	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	6	59	-	-	-	-	-	-	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	1	612	1	138	1	23	-	-	-	-	-	-	-	-
3528	-	-	-	-	1	325	-	-	-	-	-	-	-	-
3529	-	-	-	-	1	676	-	-	-	-	-	-	-	-
3531	-	-	-	-	-	-	-	-	-	-	1	250	1	5
3532	-	-	-	-	1	74	-	-	-	-	-	-	-	-
3533	-	-	-	-	3	69	1	9	-	-	-	-	-	-
3538	-	-	-	-	1	142	-	-	-	-	1	7	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	-	-	4	838	-	-	-	-	-	-	1	7
3546	-	-	-	-	-	-	6	522	-	-	2	17	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	-	-	-	-	-	-	1	4	4	60
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	-	-	-	-	2	15	1	15	-	-	1	4	7	54
3566	-	-	-	-	1	552	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	1	45	-	-	-	-	-	-
4000	-	-	-	-	3	80	-	-	-	-	5	2	-	-
5000	-	-	-	-	135	64	80	62	23	15	1	2	33	18
CUT MO.	1	612	2	159	162	3984	90	660	24	48	14	359	49	596
CUT YTD	1	612	154	1836	784	24130	172	3002	435	1101	490	7561	129	5444
1011	-	-	-	-	-	20	-	-	-	-	-	-	-	-
3568	-	-	27	96	-	-	1	2	-	-	-	-	-	-
3569	-	-	7	4	-	-	1	2	-	-	6	7	-	-
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3575	-	-	-	-	7	91	1	13	-	-	-	-	-	-
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3588	-	-	-	-	1	161	-	-	-	-	-	-	-	-
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3590	-	-	1	34	6	211	-	-	-	-	2	82	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3598	-	-	-	-	-	-	-	-	-	-	1	6	-	-
FRM MO.	-	-	35	134	14	484	3	17	-	-	9	95	-	-
FRM YTD	-	-	68	1569	242	9809	234	485	94	77	117	1848	31	259
TOT MO.	1	612	37	293	176	4468	93	677	24	48	23	454	49	596
TOT YTD	1	612	222	3405	1026	33939	406	3488	529	1177	607	9409	160	5702

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1982

	TURKEY		OTHER ASIA		AUSTRALIA		N. ZEALAND		REP./S.AFR.		OTH. AFRICA		ALL OT CTRY	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	1	30	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	3	384	-	-	-	-	-	-	-	-	-	-
3254	-	-	1	42	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	1	8	-	-	-	-	-	-	-	-	-	-
3258	2	21	4	336	1	17	1	42	3	28	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	6	192	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	3	36	1	136	-	-	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	1	17	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	7	87	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	2	33	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	5	92	-	-	-	-	-	-	1	6	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	-	-	1	12	-	-	1	109
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	-	-	1	21	1	6	-	-	-	-	-	-	-	-
3532	-	-	-	-	1	4	-	-	-	-	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3538	-	-	1	180	-	-	-	-	1	11	1	8	-	-
3541	-	-	-	-	-	-	-	-	1	16	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	2	11	-	-	-	-	-	-	-	-	-	-
3546	-	-	1	3	1	4	-	-	-	-	1	4	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	2	18	-	-	1	103	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	3	59	-	-	-	-	-	-	-	-	-	-
3559	-	-	1	108	-	-	-	-	-	-	-	-	-	-
3565	1	13	2	18	3	283	-	-	6	33	32	898	-	-
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	4	61	-	-	1	4	3	55	-	-	-	-
4000	2	56	1	4	3	3	-	-	1	2	150	384	-	-
5000	20	18	503	214	1747	225	3	3	45	50	6	5	378	14
CUT MO.	25	108	552	1917	1761	711	5	48	62	309	191	1303	379	123
CUT YTD	31	544	2497	8868	2863	3382	45	179	455	4034	472	3524	593	370
1011	-	-	-	3	-	4	-	18	-	-	-	2	-	-
3568	-	-	1	3	-	-	-	-	1	217	-	-	-	-
3569	-	-	1	2	43	14	-	-	16	14	7	6	-	-
3571	-	-	2	290	-	-	-	-	-	-	-	-	-	-
3573	-	-	3	40	-	-	-	-	-	-	-	-	-	-
3575	-	-	18	352	1	3	3	32	-	-	-	-	-	-
3578	-	-	-	-	-	-	-	-	-	-	1	444	-	-
3582	-	-	3	8	1	116	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	1	35	3	90	9	102	-	-	-	-	-	-	-	-
3588	-	-	21	449	-	-	-	-	-	-	-	-	-	-
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3590	-	-	1	50	1	6	2	34	-	-	-	-	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	2	20	-	-	-	-	-	-	-	-	-	-
3598	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FRM MO.	1	35	55	1306	55	246	5	83	17	231	8	452	-	-
FRM YTD	1	35	268	4657	180	2716	17	458	404	1379	59	3108	7	135
TOT MO.	26	142	607	3224	1816	957	10	132	79	540	199	1755	379	123
TOT YTD	32	579	2765	13525	3043	6098	62	637	859	5413	531	6632	600	505

JUNE 1982 - U.S. EXPORTS OF MACHINE TOOLS
Total and Countries of Destination
The following is a breakdown of the activity by country which is included in the ALL OTHER columns.

	METAL CUTTING UNITS	METAL CUTTING $000	METAL FORMING UNITS	METAL FORMING $000	TOTAL UNITS	TOTAL $000
EUROPE						
AZORES	-	-	-	-	-	-
BULGARIA	1	109	-	-	1	109
CYPRUS	-	-	-	-	-	-
CZECHOSLOVAKIA	-	-	-	-	-	-
E GERMANY	-	-	-	-	-	-
HUNGARY	-	-	-	-	-	-
ICELAND	-	-	-	-	-	-
PORTUGAL	375	12	-	-	375	12
GIBRALTAR	-	-	-	-	-	-
MALTA	-	-	-	-	-	-
TOTAL	376	121	-	-	376	121
OTHER N.&C.AM						
BAHAMAS	-	-	-	-	-	-
BARBADOS	-	-	-	-	-	-
BELIZE	-	-	-	-	-	-
BERMUDA	-	-	3	86	3	86
CAYMAN	1	9	-	-	1	9
COSTA RICA	-	-	2	1	2	1
DOMINICAN REP.	6	28	1	100	7	128
FR. W. INDIES	-	-	-	-	-	-
GUATEMALA	-	-	-	-	-	-
HAITI	4	5	-	-	4	5
HONDURAS	2	3	-	-	2	3
JAMAICA	-	-	-	-	-	-
LW & WW IS.	-	-	-	-	-	-
NICARAGUA	-	-	-	-	-	-
N. ANTILLES	1	9	2	2	3	10
PANAMA	1	3	1	7	2	10
SALVADOR	-	-	4	3	4	3
TRINIDAD	2	8	4	79	6	87
TOTAL	17	65	17	277	34	342
OTHER S. AMER						
BOLIVIA	-	-	-	-	-	-
ECUADOR	5	29	8	272	13	301
FRENCH GUIANA	-	-	-	-	-	-
GUYANA	-	-	-	-	-	-
PARAGUAY	-	-	-	-	-	-
SURINAM	-	-	-	-	-	-
URUGUAY	-	-	-	-	-	-
TOTAL	5	29	8	272	13	301
OTHER ASIA						
AFGHANISTAN	-	-	-	-	-	-
ADEN	-	-	-	-	-	-
ARAB EMIRATES	61	55	1	6	62	61
BAHRAIN	-	-	-	-	-	-
BANGLADASH	-	-	-	-	-	-
BRUNEI	-	-	-	-	-	-
BURMA	-	-	1	50	1	50
CHINA	-	-	1	3	1	3
GAZA STRIP	-	-	-	-	-	-
HONG KONG	92	370	-	-	92	370
INDONESIA	1	23	-	-	1	23
IRAQ	2	44	-	-	2	44
JORDAN	4	10	-	-	4	10
KUWAIT	15	21	-	-	15	21
LEBANON	1	12	-	-	1	12
MALAYSIA	16	11	4	337	20	348
NEPAL	-	-	-	-	-	-
OMAN	11	15	-	-	11	15
PAKISTAN	9	16	-	-	9	16
QATAR	22	10	-	-	22	10
SAUDI ARABIA	301	1300	47	893	348	2193
SRI LANKA	-	-	-	-	-	-
SYRIA	-	-	-	-	-	-
THAILAND	17	30	1	17	18	47
YEMEN	-	-	-	-	-	-
TOTAL	552	1917	55	1306	607	3224

	METAL CUTTING UNITS	METAL CUTTING $000	METAL FORMING UNITS	METAL FORMING $000	TOTAL UNITS	TOTAL $000
OTHER OCEANIA						
FR. PAC. IS.	-	-	-	-	-	-
NEW GUINEA	3	2	-	-	3	
TERR. PAC. IS.	-	-	-	-	-	-
OTH. PAC. IS.	-	-	-	-	-	-
TOTAL	3	2	-	-	3	
OTHER AFRICA						
BOTSWANA	-	-	-	-	-	-
ALGERIA	-	-	1	444	1	44
ANGOLA	-	-	-	-	-	-
BENIN	-	-	-	-	-	-
CAMEROON	-	-	-	-	-	-
CANARY ISLANDS	-	-	-	-	-	-
DAHOMEY	-	-	-	-	-	-
EGYPT	32	898	-	-	32	898
ETHIOPIA	-	-	-	-	-	-
GABON	-	-	-	-	-	-
GHANA	-	-	-	-	-	-
GUINEA	-	-	-	-	-	-
KENYA	6	5	-	-	6	5
LIBERIA	-	-	-	-	-	-
LIBYA	2	9	-	-	2	9
MALAWI	-	-	-	-	-	-
MAURITANIA	-	-	-	-	-	-
MOROCCO	-	-	-	-	-	-
MOZAMBIQUE	-	-	-	-	-	-
NIGER	-	-	-	-	-	-
NIGERIA	1	8	-	-	1	8
RWANDA	-	-	-	-	-	-
SENEGAL	-	-	-	-	-	-
SIERRA LEONE	-	-	-	-	-	-
SOMALIA	-	-	-	-	-	-
S. W. AFRICA	-	-	-	-	-	-
SUDAN	-	-	-	-	-	-
SWAZILAND	-	-	-	-	-	-
TANZANIA	-	-	-	-	-	-
TUNISIA	-	-	-	-	-	-
ZIMBABWE	-	-	-	-	-	-
WEST AFRICA	-	-	-	-	-	-
ZAIRE	-	-	-	-	-	-
ZAMBIA	-	-	7	6	7	6
OTH WEST AFR.	-	-	-	-	-	-
IVORY COAST	150	384	-	-	150	384
MAURITIUS	-	-	-	-	-	-
TOGO	-	-	-	-	-	-
TOTAL	191	1303	8	452	199	1755

BEST AVAILABLE COPY

RELEASED: September 23, 1982

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1982

674:		TOTAL YTD		TOTAL MO.		AUSTRIA		BELGIUM	
	METAL CUTTING	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	Gear Hobbers	89	6889	10	853	-	-	-	-
3035	Gear Shapers	9	462	-	-	-	-	-	-
3045	Gear Cutting Machines, N.E.C.	16	1986	4	77	-	-	-	-
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26'' or Less	515	42038	90	7730	-	-	-	-
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26''	77	9814	13	1490	-	-	-	-
3209	Horizontal Machining Centers, ATC, NC	186	25761	29	3986	-	-	-	-
3211	Machining Centers, NC, N.E.C.	237	26060	28	2622	-	-	-	-
3212	Single Station and Multi-Station Transfer Machines	27	3367	8	155	-	-	-	-
3213	Way Type Machines (Unit Heads)	-	-	-	-	-	-	-	-
3217	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	9	2035		-	-	-	-	-
3218	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	-	-	-	-	-	-	-	-
3219	Vertical Boring-Drilling-Milling Machines, NC	57	5744	11	685	1	166	-	-
3222	Horiz. Boring-Drilling-Milling Machines, non-NC	77	9251	6	861	-	-	-	-
3223	Vertical Boring-Drilling-Milling Machines, non-NC	1891	9028	273	2114	-	-	1	3
3228	Drilling Machines, NC	4	281	2	82	-	-	-	-
3229	Drilling Machines, Multi-Spindle, non-NC	85	1727	-	-	-	-	-	-
3234	Drilling Machines, Radial, non-NC	583	5019	53	610	-	-	-	-
3236	Drilling Machines, Upright, Single Spindle, non-NC	78	407	10	68	-	-	-	-
3242	Drilling Machines, non-NC, N.E.C.	156	4252	12	554	-	-	-	-
3264	Milling Machines, NC	116	9433	31	1025	-	-	-	-
3266	Milling Machines, Profiling, Dupl. & Die Sinking, non-NC	186	3248	7	240	-	-	-	-
3267	Milling Machines, Knee Type, non-NC	1732	16630	450	4051	-	-	-	-
3268	Milling Machines, Bed Type, non-NC	123	5910	22	1139	-	-	-	-
3269	Milling Machines, non-NC, N.E.C.	1648	14644	128	1457	-	-	-	-
3276	Vertical Boring Machines, incl. VTL's, NC	23	4209	5	634	-	-	-	-
3277	Vertical Boring Machines, incl. VTL's, non-NC	90	6108	7	400	-	-	-	-
3281	Boring Machines, NC, N.E.C.	6	1248	-	-	-	-	-	-
3283	Boring Machines, non-NC, N.E.C.	91	8067	23	2259	-	-	1	4
3507	Horizontal Lathes, NC, Less Than 25 HP	919	55070	148	7577	-	-	-	-
3509	Horizontal Lathes, NC, 25-50 HP	476	44745	80	7440	-	-	-	-
3511	Horizontal Lathes, NC, Over 50 HP	163	28505	30	5032	-	-	-	-
3512	Horizontal Engine & Toolroom Lathes, non-NC	3572	39606	607	6637	10	65	-	-
3513	Automatic Chucking Lathes, Single Spindle, non-NC	70	1394	10	315	-	-	-	-
3514	Automatic Chucking Lathes, Multi-Spindle, non-NC	78	2730	10	568	-	-	-	-
3515	Automatic Bar Machines, Single Spindle, non-NC	96	6110	16	506	-	-	-	-
3516	Automatic Bar Machines, Multi-Spindle, non-NC	40	2197	1	119	-	-	-	-
3518	Horizontal Lathes, non-NC, N.E.C.	484	11198	85	1291	15	59	-	-
3521	Vertical Lathes, excl. VTL's, NC	150	16498	25	1902	-	-	-	-
3522	Vertical Lathes, excl. VTL's, non-NC	763	14764	87	1628	-	-	-	-
3527	Gear Tooth Grinding & Finishing Machines	60	4327	9	411	-	-	-	-
3528	Tool & Cutter Grinding Machines, NC	44	2432	20	630	-	-	-	-
3529	Tool & Cutter Grinding Machines, non-NC	553	11760	86	2306	-	-	-	4
3533	Honing & Lapping Machines	118	3446	22	397	-	-	-	-
3539	Grinding Machines, Flat Surface, NC	8	1022	1	91	-	-	-	-
3541	Grinding Machines, Flat Surface Reciprocating Table, non-NC	388	7351	62	2040	-	-	-	-
3543	Grinding Machines, Flat Surface, non-NC, N.E.C.	682	11120	107	1427	-	-	-	-
3546	Grinding & Polishing Machines, NC, N.E.C.	30	2716	6	361	-	-	-	-
3554	External Grinding Machines, non-NC	201	6433	38	743	-	-	-	-
3556	Internal Grinding Machines, non-NC	81	2746	14	662	-	-	-	-
3558	Grinding, Polishing & Buffing Machines, non-NC, N.E.C.	106	2836	13	555	-	-	-	-
3559	Grinding Machines, non-NC, N.E.C.	409	12886	74	1531	2	49	-	-
3562	Traveling Wire Electrical Discharge Machines	115	7363	10	625	-	-	-	-
3564	All Other Electrical Discharge Machines	50	3244	8	150	-	-	-	-
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	41	2501	6	480	-	-	-	-
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, non-NC	51	1965	9	668	1	75	-	-
3576	Metal Cutting Machine Tools, NC, N.E.C.	23	1509	2	137	2	137	-	-
3577	Sawing & Cut-off Machines, non-NC	506	7316	81	1170	-	-	1	3
3578	Broaching Machines, non-NC	66	5248	8	4148	-	-	-	-
3579	Metal Cutting Machine Tools, non-NC, N.E.C.	317	15780	54	7048	-	-	2	5
4000	Metal Cutting Machine Tools, Used or Rebuilt*	6030	20734	494	2184	-	-	17	41
5000	Metal Cutting Machine Tools, Less Than $2500*	589212	38163	136669	7839	65	67	3	2
	TOTAL CUTTING			137891	102432	96	599	25	59
	TOTAL CUTTING YTD	613813	616470			1089	1310	131	1798
674:	METAL FORMING								
1010	Die Casting Machines	73	3479	22	1116	-	-	-	-
3582	Metal Forming Machine Tools, Used or Rebuilt	261	2126	45	184	-	-	-	-
3583	Metal Forming Machine Tools, Less Than $2500	16171	3184	1668	483	-	-	-	-
3584	Punching & Shearing Machines, incl. Combination, NC	111	12792	17	2177	-	-	1	289
3586	Shearing Machines, non-NC	318	3871	65	570	-	-	1	22
3587	Punching & Combination Punching & Shearing Machines, non-NC	493	4995	118	1417	-	-	-	-
3588	Bending, Folding, Straightening & Flattening Machines, NC	25	1704	5	207	-	-	-	-
3589	Press Brakes, non-NC	167	3226	14	235	-	-	2	32
3591	Bending Rolls, Ram & Press Bending Machines, non-NC	75	2016	16	340	-	-	-	-
3592	Bending, Folding, Str. & Flattening Machines, non-NC, N.E.C.	451	8181	55	642	-	-	-	-
3593	Metal Forming Machine Tools, NC, N.E.C.	6	1742	-	-	-	-	-	-
3594	Mechanical Presses, non-NC	97	4696	25	643	1	1	-	-
3595	Hydraulic Presses, Vertical, Single Action, non-NC	64	1822	14	56	-	-	-	-
3596	Hydraulic & Pneumatic Presses, non-NC, N.E.C.	134	10223	18	772	-	-	-	-
3597	Headers & Upsetters, non-NC	82	7717	7	1388	-	-	-	-
3598	Forging Machines, non-NC, N.E.C.	23	5490	5	314	-	-	-	-
3599	Metal Forming Machine Tools, non-NC, N.E.C.	426	18291	79	2242	-	-	4	290
	TOTAL FORMING			2175	12749	1	1	8	632
	TOTAL FORMING YTD	18929	95505			43	1360	41	2191
	TOTAL ALL TYPES			140066	115181	97	600	33	691
	TOTAL ALL TYPES YTD	632742	711975			1132	2670	172	3989

Source: U.S. Department of Commerce, Census Report No. IM146; National Machine Tool Builders' Association.

NOTES: 1) a/Dollar amount less than $500; 2) N.E.C. = Not Elsewhere Classified; 3) Individual items may not add to totals due to rounding.
4) Machine tool imports, as reflected in the government statistics, are actually undervalued since they reflect values in the country of origin and do not include ocean freight, insurance, dealer's commission or import duties.
5) Beginning in January 1980, foreign trade data for die casting machines are included in the metal forming total. U.S. die casting imports are not available for previous years.

*Code 6744000 shown above represents combined data from codes 674:3015,3215,3126,3261,3272,3502,3524 & 3573.
Code 6745000 shown above represents combined data from codes 674:3227,3262,3273,3503,3526 & 3574.

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1982

	CZECHO.		DENMARK		E. GERMANY		FRANCE		ITALY		NETHERLANDS		NORWAY	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	1	41	-	-	-	-	-	-	-	-	-	-	-	-
3035	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	1	3	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	1	258	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3212	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3222	1	99	-	-	-	-	-	-	-	-	-	-	-	-
3223	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3228	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3229	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3234	1	10	-	-	-	-	-	-	1	10	-	-	-	-
3236	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3242	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3264	2	27	-	-	-	-	2	64	2	85	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	2	7	-	-	-	-	1	18	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	3	275	-	-	-	-
3269	-	-	-	-	-	-	-	-	2	72	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	1	12	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	1	16	2	411	1	1	4	50	-	-	-	-
3507	-	-	-	-	-	-	3	126	-	-	-	-	-	-
3509	-	-	-	-	-	-	8	453	-	-	-	-	-	-
3511	-	-	-	-	-	-	1	599	-	-	-	-	-	-
3512	5	39	-	-	-	-	2	75	8	184	-	-	-	-
3513	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3514	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3521	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3522	2	32	-	-	-	-	2	23	1	81	-	-	-	-
3527	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	1	6	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3539	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	1	19	-	-	-	-
3543	1	8	4	4	-	-	-	-	19	326	-	-	-	-
3546	-	-	-	-	-	-	-	-	2	148	-	-	-	-
3554	-	-	-	-	-	-	-	-	17	128	-	-	-	-
3556	-	-	-	-	-	-	1	3	-	-	-	-	-	-
3558	3	91	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	3	17	-	-	1	10	11	367	-	-	-	-
3562	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3564	-	-	-	-	-	-	5	76	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3576	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3577	-	-	-	-	-	-	2	74	4	53	3	8	-	-
3578	-	-	-	-	-	-	-	-	4	53	-	-	-	-
3579	-	-	-	-	-	-	2	110	2	4573	6	16	-	-
6000	3	10	-	-	2	9	13	21	9	146	6	10	1	10
5000	1	1	117	1	-	-	258	73	1009	99	12	22	-	-
CUT MO.	22	364	125	37	4	420	302	1723	1101	6939	29	66	1	10
CUT YTD	113	1427	339	504	63	1362	1548	6358	9959	24228	296	851	6	129
1010	-	-	-	-	-	-	-	-	3	55	-	-	-	-
3582	-	-	-	-	-	-	3	3	-	-	-	-	-	-
3583	-	-	-	-	-	-	75	6	225	7	1	1	-	-
3584	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3586	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3587	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3588	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3591	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3592	-	-	-	-	-	-	-	-	23	322	-	-	-	-
3593	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3594	-	-	-	-	-	-	-	-	6	91	-	-	-	-
3595	-	-	-	-	-	-	-	-	1	8	-	-	-	-
3596	-	-	1	12	-	-	-	-	2	88	-	-	-	-
3597	-	-	-	-	-	-	-	-	2	133	-	-	-	-
3598	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3599	-	-	-	-	-	-	1	6	16	529	-	-	1	40
FRM MO.	-	-	1	12	-	-	79	15	278	1232	1	1	1	40
FRM YTD	-	-	30	403	-	-	825	2794	797	5251	46	264	11	549
TOT MO.	22	364	126	50	4	420	381	1738	1379	8172	30	67	2	50
TOT YTD	113	1427	369	907	63	1362	2373	9152	10756	29479	342	1115	17	678

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1982

	POLAND		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND		U. KINGDOM		W. GERMANY	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	-	-	-	-	-	-	-	-	-	-	-	-	4	478
3035	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	1	35	-	-
3204	-	-	-	-	-	-	1	4	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	7	558
3211	-	-	-	-	-	-	-	-	-	-	-	-	1	91
3212	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	-	-	-	-	-	-	-	-	10	519
3222	-	-	-	-	-	-	-	-	-	-	-	-	1	247
3223	3	336	-	-	12	48	2	1	1	291	6	1086	7	118
3228	-	-	-	-	-	-	-	-	-	-	-	-	2	82
3229	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3234	6	73	-	-	3	54	-	-	-	-	5	27	-	-
3236	-	-	-	-	1	37	-	-	-	-	2	12	1	5
3242	-	-	-	-	-	-	-	-	3	309	-	-	5	205
3264	-	-	-	-	1	12	-	-	8	632	-	-	1	129
3266	-	-	-	-	-	-	-	-	2	20	-	-	2	198
3267	27	447	-	-	168	735	1	30	-	-	11	1456	56	234
3268	-	-	-	-	4	109	1	95	-	-	1	44	2	189
3269	-	-	-	-	2	9	-	-	-	-	14	240	5	332
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	1	59	-	-	-	-	1	18	2	295	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	1	9	-	-	3	489	2	750
3507	-	-	-	-	-	-	-	-	-	-	-	-	1	58
3509	-	-	-	-	-	-	3	228	-	-	-	-	6	713
3511	-	-	-	-	-	-	5	745	-	-	-	-	-	-
3512	61	989	-	-	4	123	-	-	-	-	67	592	1	52
3513	-	-	-	-	-	-	-	-	6	139	-	-	1	167
3514	-	-	-	-	-	-	-	-	2	15	1	283	-	-
3515	-	-	-	-	-	-	-	-	4	56	-	-	3	94
3516	-	-	-	-	-	-	-	-	1	119	-	-	-	-
3518	-	-	-	-	-	-	1	10	-	-	1	50	3	180
3521	-	-	-	-	-	-	1	53	-	-	5	556	-	-
3522	-	-	-	-	1	45	-	-	-	-	8	161	20	461
3527	-	-	-	-	-	-	-	-	1	83	4	199	4	129
3528	-	-	-	-	-	-	-	-	2	186	-	-	14	414
3529	-	-	-	-	1	10	-	-	14	629	19	359	33	1211
3533	-	-	-	-	-	-	-	-	-	-	3	22	19	375
3539	-	-	-	-	-	-	-	-	-	-	-	-	1	91
3541	-	-	-	-	-	-	-	-	-	-	2	168	25	1441
3543	8	70	-	-	4	82	-	-	-	-	11	237	4	310
3546	-	-	-	-	-	-	-	-	1	92	-	-	1	121
3554	-	-	-	-	1	30	-	-	5	177	1	14	1	120
3556	-	-	-	-	-	-	1	174	-	-	-	-	5	358
3558	-	-	-	-	-	-	-	-	3	279	-	-	4	104
3559	6	35	-	-	-	-	-	-	1	27	6	175	15	413
3562	-	-	-	-	-	-	-	-	2	227	-	-	-	-
3564	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	1	22	-	-
3571	-	-	-	-	-	-	1	19	-	-	6	373	-	-
3576	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3577	-	-	-	-	11	59	-	-	1	54	2	9	26	297
3578	-	-	-	-	1	13	-	-	-	-	3	4082	-	-
3579	-	-	-	-	2	8	2	32	-	-	4	75	9	1378
4000	-	-	-	-	2	29	3	24	104	74	162	750	49	445
5000	-	-	-	-	32	48	151	57	169	33	130	133	632	425
CUT MO.	112	2009	-	-	250	1449	175	1498	332	3733	479	11748	983	13489
CUT YTD	230	5041	69	287	1352	11418	522	7124	1751	30506	4477	62099	6307	70992
1010	-	-	-	-	-	-	-	-	-	-	4	13	1	60
3582	-	-	-	-	-	-	-	-	-	-	18	40	8	28
3583	-	-	-	-	34	19	-	-	50	10	20	16	290	110
3584	-	-	-	-	-	-	-	-	3	361	-	-	2	274
3586	-	-	-	-	-	-	-	-	-	-	14	61	25	132
3587	-	-	-	-	11	60	3	45	8	213	-	-	30	284
3588	-	-	-	-	-	-	-	-	1	11	2	36	2	160
3589	-	-	-	-	-	-	-	-	-	-	1	3	-	-
3591	-	-	-	-	-	-	15	320	-	-	1	11	-	-
3592	-	-	-	-	-	-	-	-	-	-	-	-	6	195
3593	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3594	-	-	-	-	6	42	-	-	-	-	4	44	-	-
3595	-	-	-	-	1	15	-	-	1	9	-	-	-	-
3596	-	-	-	-	-	-	1	86	1	11	2	135	-	-
3597	-	-	-	-	-	-	-	-	-	-	-	-	2	242
3598	-	-	-	-	-	-	-	-	1	2	2	14	1	134
3599	-	-	-	-	-	-	1	5	1	32	-	-	37	986
FRM MO.	-	-	-	-	52	136	20	456	66	649	68	373	404	2604
FRM YTD	-	-	-	-	170	1110	206	6023	676	6115	583	6012	1692	24582
TOT MO.	112	2009	-	-	302	1585	195	1954	398	4381	547	12122	1387	16093
TOT YTD	230	5041	69	287	1522	12528	728	13147	2427	36621	5060	68111	7999	95574

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1982

674	YUGOSLAVIA UNITS	$000	CANADA UNITS	$000	INDIA UNITS	$000	JAPAN UNITS	$000	TAIWAN UNITS	$000	AUSTRALIA UNITS	$000	ALL OTHERS UNITS	$000
3025	-	-	-	-	-	-	2	230	-	-	-	-	3	104
3035	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	2	38	-	-	-	-	-	-
3204	-	-	-	-	-	-	89	7726	-	-	-	-	-	-
3206	-	-	-	-	-	-	13	1490	-	-	-	-	-	-
3209	1	230	-	-	-	-	17	2743	-	-	-	-	3	197
3211	-	-	-	-	-	-	26	2471	1	60	-	-	-	-
3212	-	-	8	155	-	-	-	-	-	-	-	-	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3222	-	-	-	-	-	-	3	454	-	-	-	-	1	61
3223	-	-	-	-	-	-	1	77	240	154	-	-	-	-
3228	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3229	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3234	-	-	-	-	4	46	29	334	3	52	-	-	1	5
3236	-	-	2	5	-	-	4	9	-	-	-	-	-	-
3242	-	-	2	36	-	-	-	-	2	5	-	-	-	-
3264	-	-	-	-	-	-	15	477	-	-	-	-	-	-
3266	-	-	-	-	-	-	1	12	2	10	-	-	-	-
3267	-	-	26	307	4	44	18	332	121	332	-	-	15	111
3268	-	-	-	-	-	-	11	428	-	-	-	-	-	-
3269	-	-	-	-	-	-	5	261	84	417	-	-	16	327
3276	-	-	-	-	-	-	5	634	-	-	-	-	-	-
3277	-	-	-	-	-	-	2	17	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	8	630	-	-	-	-	-	-	-	-	-	-
3507	-	-	-	-	-	-	114	7171	23	172	-	-	7	50
3509	-	-	-	-	-	-	62	5945	1	111	-	-	-	-
3511	-	-	-	-	-	-	24	3689	-	-	-	-	-	-
3512	50	667	3	69	2	25	30	1200	237	1369	-	-	127	1107
3513	-	-	-	-	-	-	-	-	3	9	-	-	-	-
3514	-	-	-	-	-	-	2	82	5	189	-	-	-	-
3515	-	-	-	-	-	-	9	357	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	1	41	7	489	22	186	-	-	35	276
3521	-	-	4	306	-	-	10	737	6	250	-	-	-	-
3522	10	108	-	-	1	12	9	403	11	56	-	-	22	247
3527	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3528	-	-	-	-	-	-	-	-	-	-	-	-	4	30
3529	-	-	-	-	-	-	4	20	10	40	-	-	4	32
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3539	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	20	145	-	-	-	-	14	266
3543	-	-	-	-	-	-	14	136	38	213	-	-	4	40
3546	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3554	-	-	-	-	-	-	5	197	4	16	-	-	2	62
3556	-	-	-	-	-	-	3	86	-	-	-	-	4	42
3558	-	-	-	-	-	-	3	81	-	-	-	-	-	-
3559	-	-	6	107	-	-	17	297	6	35	-	-	-	-
3562	-	-	-	-	-	-	8	398	-	-	-	-	-	-
3564	-	-	-	-	-	-	2	63	-	-	-	-	1	11
3567	-	-	-	-	-	-	5	457	-	-	-	-	-	-
3571	-	-	-	-	-	-	1	201	-	-	-	-	-	-
3576	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3577	-	-	1	5	-	-	8	254	10	35	-	-	12	319
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3579	-	-	3	225	-	-	20	619	2	8	-	-	-	-
4000	-	-	24	505	1	3	10	63	85	11	-	-	3	34
5000	-	-	670	135	-	-	6545	505	122515	6144	-	-	2140	94
CUT MO.	61	1006	757	2486	13	171	7175	41325	123431	9872	-	-	2418	3416
CUT YTD	187	4209	4756	11844	96	1337	43974	289259	532001	53151	1	90	4546	31083
1010	-	-	8	710	-	-	6	278	-	-	-	-	-	-
3582	-	-	1	2	-	-	9	14	-	-	3	56	3	a/
3583	-	-	132	49	50	4	263	151	418	47	1	1	109	62
3584	-	-	-	-	-	-	11	1253	-	-	-	-	-	-
3586	-	-	1	57	-	-	22	261	-	-	-	-	2	38
3587	-	-	2	17	-	-	64	798	-	-	-	-	-	-
3588	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3589	-	-	3	99	-	-	6	50	-	-	-	-	2	52
3591	-	-	2	9	-	-	-	-	-	-	-	-	-	-
3592	-	-	24	111	-	-	2	14	-	-	-	-	-	-
3593	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3594	-	-	5	215	-	-	3	251	-	-	-	-	1	5
3595	-	-	5	17	-	-	5	3	-	-	-	-	-	-
3596	-	-	5	123	-	-	6	316	-	-	-	-	-	-
3597	-	-	-	-	-	-	3	1013	-	-	-	-	-	-
3598	-	-	-	-	-	-	-	-	-	-	-	-	1	165
3599	-	-	6	223	-	-	12	132	-	-	-	-	-	-
FRM MO.	-	-	194	1631	50	4	412	4533	418	47	4	57	118	322
FRM YTD	-	-	1529	6762	114	8	6677	29704	5163	554	7	58	319	1750
TOT MO.	61	1006	951	4117	63	175	7587	45858	123849	9918	4	57	2536	3738
TOT YTD	187	4209	6285	18606	210	1345	50651	318963	537164	53705	8	148	4865	32833

JUNE 1982 - U.S. IMPORTS OF MACHINE TOOLS
Total and Countries of Origin
The following is a breakdown of the activity by country which is included in the ALL OTHER column on page 4.

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
EUROPE						
AZORES	-	-	-	-	-	-
BULGARIA	-	-	-	-	-	-
CYPRUS	-	-	-	-	-	-
FINLAND	36	22	39	19	75	41
GREECE	-	-	-	-	-	-
HUNGARY	2	19	-	-	2	19
ICELAND	-	-	-	-	-	-
IRELAND	-	-	1	5	1	5
ROMANIA	11	183	-	-	11	183
USSR	8	196	-	-	8	196
GIBRALTAR	-	-	-	-	-	-
MALTA	-	-	-	-	-	-
TOTAL	57	419	40	24	97	443
OTHER N.&C.AM						
BAHAMAS	-	-	-	-	-	-
BARBADOS	-	-	-	-	-	-
BELIZE	-	-	-	-	-	-
BERMUDA	-	-	-	-	-	-
CAYMAN	-	-	-	-	-	-
COSTA RICA	-	-	-	-	-	-
DOMINICAN REP.	-	-	-	-	-	-
FR. W. INDIES	-	-	-	-	-	-
GUATEMALA	-	-	-	-	-	-
HAITI	-	-	-	-	-	-
HONDURAS	-	-	-	-	-	-
JAMAICA	-	-	-	-	-	-
LW & WW IS.	-	-	-	-	-	-
MEXICO	1	a/	-	-	1	a/
NICARAGUA	-	-	-	-	-	-
N. ANTILLES	-	-	-	-	-	-
PANAMA	-	-	-	-	-	-
SALVADOR	-	-	-	-	-	-
TRINIDAD	-	-	-	-	-	-
TOTAL	1	a/	-	-	1	a/
OTHER S. AMER						
ARGENTINA	1	4	-	-	1	4
BOLIVIA	-	-	-	-	-	-
BRAZIL	21	247	-	-	21	247
CHILE	-	-	-	-	-	-
COLOMBIA	-	-	-	-	-	-
ECUADOR	-	-	-	-	-	-
FRENCH GUIANA	-	-	-	-	-	-
GUYANA	-	-	-	-	-	-
PARAGUAY	-	-	-	-	-	-
PERU	-	-	10	3	10	3
SURINAM	-	-	-	-	-	-
URUGUAY	-	-	-	-	-	-
VENEZUELA	-	-	-	-	-	-
TOTAL	22	251	10	3	32	254
OTHER ASIA						
AFGHANISTAN	-	-	-	-	-	-
ADEN	-	-	-	-	-	-
ARAB EMIRATES	-	-	-	-	-	-
BAHRAIN	-	-	-	-	-	-
BANGLADASH	-	-	-	-	-	-
BRUNEI	-	-	-	-	-	-
BURMA	-	-	-	-	-	-
CHINA	149	404	-	-	149	404
GAZA STRIP	-	-	-	-	-	-
HONG KONG	1989	62	4	6	1993	68
INDONESIA	-	-	-	-	-	-
IRAN	-	-	-	-	-	-
IRAQ	-	-	-	-	-	-
ISRAEL	11	316	14	264	25	579
JORDAN	-	-	-	-	-	-
KOREAN REP.	95	867	50	25	145	892
KUWAIT	-	-	-	-	-	-
LEBANON	-	-	-	-	-	-
MALAYSIA	-	-	-	-	-	-
NEPAL	-	-	-	-	-	-
OMAN	-	-	-	-	-	-
PAKISTAN	-	-	-	-	-	-
PHILLIPINES	-	-	-	-	-	-
QATAR	-	-	-	-	-	-
SAUDI ARABIA	-	-	-	-	-	-
SINGAPORE	94	1098	-	-	94	1098
SRI LANKA	-	-	-	-	-	-
SYRIA	-	-	-	-	-	-
THAILAND	-	-	-	-	-	-
TURKEY	-	-	-	-	-	-
YEMEN	-	-	-	-	-	-
TOTAL	2338	2746	68	295	2406	3040

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER OCEANIA						
FR. PAC. IS.	-	-	-	-	-	-
NEW GUINEA	-	-	-	-	-	-
NEW ZEALAND	-	-	-	-	-	-
TERR. PAC. IS.	-	-	-	-	-	-
OTH. PAC. IS.	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-
OTHER AFRICA						
BOTSWANA	-	-	-	-	-	-
ALGERIA	-	-	-	-	-	-
ANGOLA	-	-	-	-	-	-
BENIN	-	-	-	-	-	-
CAMEROON	-	-	-	-	-	-
CANARY ISLANDS	-	-	-	-	-	-
DAHOMEY	-	-	-	-	-	-
EGYPT	-	-	-	-	-	-
ETHIOPIA	-	-	-	-	-	-
GABON	-	-	-	-	-	-
GHANA	-	-	-	-	-	-
GUINEA	-	-	-	-	-	-
KENYA	-	-	-	-	-	-
LIBERIA	-	-	-	-	-	-
LIBYA	-	-	-	-	-	-
MALAWI	-	-	-	-	-	-
MAURITANIA	-	-	-	-	-	-
MOROCCO	-	-	-	-	-	-
MOZAMBIQUE	-	-	-	-	-	-
NIGER	-	-	-	-	-	-
NIGERIA	-	-	-	-	-	-
REP. S. AFRICA	-	-	-	-	-	-
RWANDA	-	-	-	-	-	-
SENEGAL	-	-	-	-	-	-
SIERRA LEONE	-	-	-	-	-	-
SOMALIA	-	-	-	-	-	-
S. W. AFRICA	-	-	-	-	-	-
SUDAN	-	-	-	-	-	-
SWAZILAND	-	-	-	-	-	-
TANZANIA	-	-	-	-	-	-
TUNISIA	-	-	-	-	-	-
ZIMBABWE	-	-	-	-	-	-
WEST AFRICA	-	-	-	-	-	-
ZAIRE	-	-	-	-	-	-
	-	-	-	-	-	-

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statistical

REPORT
October 8, 1982

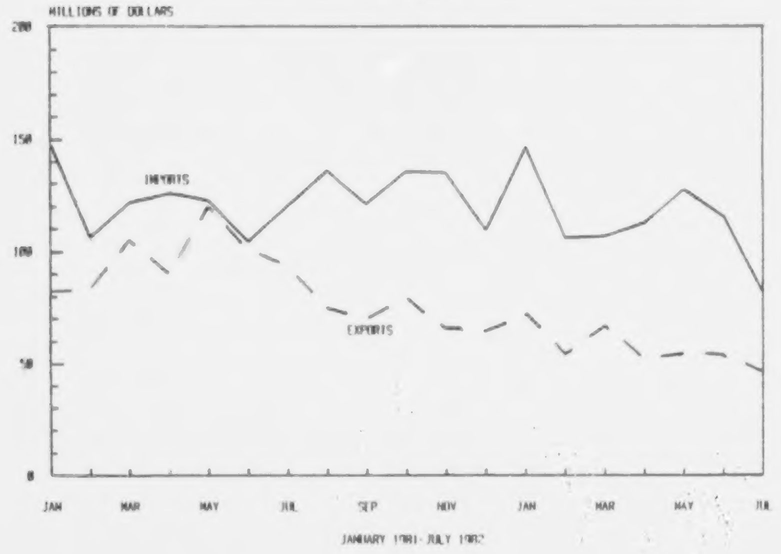
U.S. FOREIGN TRADE IN MACHINE TOOLS
JULY 1982

U.S. foreign trade in machine tools during July produced a trade deficit of $35.4 million for the month, bringing the trade deficit for seven months of 1982 to $395.4 million. Compared to June 1982, U.S. imports fell 29% while exports declined 14%. Year-to-date machine tool exports of $398.1 million were 41% below the same period last year and U.S. imports of $793.5 million have dropped 6% from the first seven months of 1981.

U.S. Machine Tool Trade
($Millions)

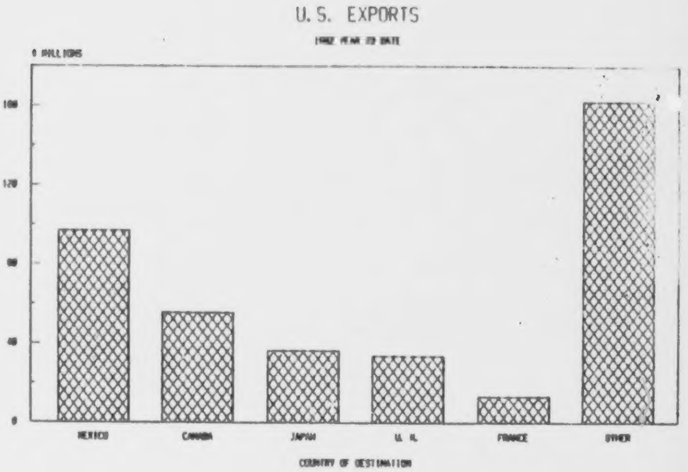
July 1982	Exports	Imports	Surplus (Deficit)
Metal Cutting	$ 30.1	$ 70.1	($ 40.0)
Metal Forming	$ 16.0	$ 11.4	$ 4.6
Total	$ 46.1	$ 81.5	($ 35.4)
7 Mos. 1982			
Metal Cutting	$263.5	$686.6	($423.1)
Metal Forming	$134.6	$106.9	$ 27.7
Total	$398.1	$793.5	($395.4)

US FOREIGN TRADE--TOTAL MACHINE TOOLS
MONTHLY TOTALS

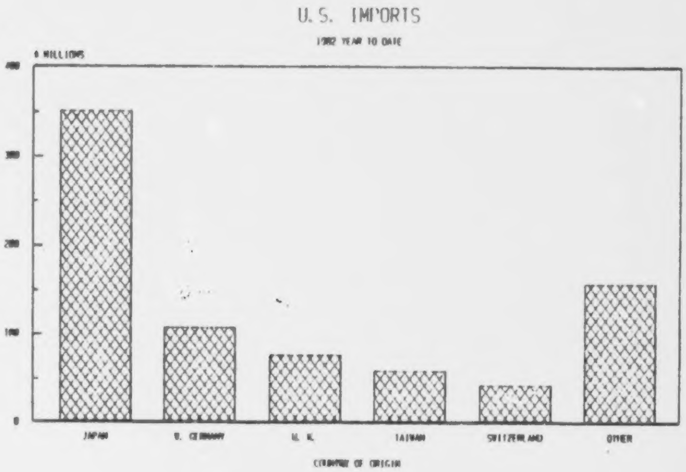


national machine tool builders association

<u>U.S. EXPORTS</u> of metal cutting machine tools during July were off 16% from the June total while exports of metal forming machines dropped 9%. Compared to the first seven months of 1981, exports of metal cutting and metal forming machine tools fell 46% and 29% respectively. For January through July 1982, the leading export markets were (in millions): Mexico ($96.9), Canada ($55.4), Japan ($36.4), the United Kingdom ($33.8) and France ($13.3).



Compared to June, <u>U.S. IMPORTS</u> of metal cutting machine tools fell 32%, and metal forming imports declined 11%. The year-to-date total for metal cutting machinery is 7% below the first seven months of 1981, and exceeded metal cutting exports by $423.1 million. Imports of metal forming types for the year to date fell 1% from the same period last year. Leading exporters of machine tools to the U.S. during the first seven months of 1982 were (in millions): Japan ($350.6), West Germany ($107.8), the United Kingdom ($76.4), Taiwan ($59.1) and Switzerland ($42.6).



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RELEASED: October 8, 1982

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JULY 1982

		TOTAL YTD		TOTAL MO.		AUSTRIA		BELGIUM	
		UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:	METAL CUTTING								
3020	Gear Hobbers & Shapers	21	2462	1	113	-	-	-	-
3045	Gear Cutting Machines, N.E.C.	122	15043	8	210	-	-	-	-
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26'' or Less	26	2431	2	228	-	-	-	-
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26''	4	823	-	-	-	-	-	-
3209	Horizontal Machining Centers, ATC, NC	62	16068	8	1731	-	-	-	-
3211	Machining Centers, NC, N.E.C.	56	6495	3	633	-	-	-	-
3216	Single Station and Multi-Station Transfer Machines	26	15591	5	3358	-	-	-	-
3225	Way Type Machines (Unit Heads)	16	2659	3	260	-	-	-	-
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	7	2618	-	-	-	-	-	-
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	3	1702	1	653	-	-	-	-
3247	Vertical Boring-Drilling-Milling Machines, NC	5	1755	-	-	-	-	-	-
3248	Horiz. Boring-Drilling-Milling Machines, non-NC	13	2376	-	-	-	-	-	-
3249	Vertical Boring-Drilling-Milling Machines, non-NC	22	972	2	31	-	-	-	-
3254	Drilling Machines, NC	7	575	-	-	-	-	-	-
3255	Drilling Machines, Multi-Spindle, non-NC	29	2605	6	487	-	-	-	-
3256	Drilling Machines, Radial, non-NC	17	1022	-	-	-	-	-	-
3257	Drilling Machines, Upright, Single Spindle, non-NC	35	426	-	-	-	-	-	-
3258	Drilling Machines, non-NC, N.E.C.	120	3080	19	435	-	-	-	-
3264	Milling Machines, NC	46	10076	3	1913	-	-	-	-
3266	Milling Machines, Profiling, Dupl. & Die Sinking, non-NC	35	1283	-	-	-	-	-	-
3267	Milling Machines, Knee Type, non-NC	2	60	2	60	-	-	-	-
3268	Milling Machines, Bed Type, non-NC	2	99	-	-	-	-	-	-
3269	Milling Machines, non-NC, N.E.C.	95	4939	13	319	-	-	-	-
3276	Vertical Boring Machines, incl. VTL's, NC	4	1318	-	-	-	-	-	-
3277	Vertical Boring Machines, incl. VTL's, non-NC	47	7404	6	237	-	-	-	-
3281	Boring Machines, NC, N.E.C.	6	631	-	-	-	-	-	-
3283	Boring Machines, non-NC, N.E.C.	54	1824	8	259	-	-	-	-
3504	Horizontal Lathes, NC, Less Than 25 HP	103	8210	6	619	-	-	-	-
3506	Horizontal Lathes, NC, 25-50 HP	45	9057	4	526	-	-	-	-
3508	Horizontal Lathes, NC, Over 50 HP	15	6569	1	432	-	-	-	-
3510	Horizontal Engine & Toolroom Lathes, non-NC	78	1702	12	146	-	-	-	-
3511	Automatic Chucking Lathes, Single Spindle, non-NC	4	591	-	-	-	-	-	-
3512	Automatic Chucking Lathes, Multi-Spindle, non-NC	14	2017	1	113	-	-	-	-
3515	Automatic Bar Machines, Single Spindle, non-NC	23	1027	1	36	-	-	-	-
3516	Automatic Bar Machines, Multi-Spindle, non-NC	24	2782	8	1188	-	-	-	-
3518	Horizontal Lathes, non-NC, N.E.C.	237	7488	32	829	-	-	-	-
3519	Vertical Lathes, excl. VTL's, NC	12	2252	-	-	-	-	-	-
3525	Vertical Lathes, excl. VTL's, non-NC	90	8308	15	934	-	-	-	-
3528	Grinding, Polishing, Honing & Lapping Machines, NC	45	7924	3	1033	-	-	-	-
3529	Gear Tooth Grinding & Finishing Machines, non-NC	69	5485	-	-	-	-	-	-
3531	Tool & Cutter Grinding Machines, non-NC	168	5382	18	257	-	-	-	-
3532	Honing & Lapping Machines, non-NC	169	2432	23	437	-	-	1	8
3533	Grinding Machines, Flat Surface Reciprocating Table, non-NC	67	1038	7	123	-	-	-	-
3538	Grinding Machines, Flat Surface, non-NC, N.E.C.	149	10734	43	2168	-	-	-	-
3541	External Grinding Machines, non-NC	32	5084	2	268	-	-	-	-
3542	Internal Grinding Machines, non-NC	18	2772	-	-	-	-	-	-
3544	Grinding, Polishing & Buffing Machines, non-NC, N.E.C.	100	5128	21	812	-	-	-	-
3546	Grinding Machines, non-NC, N.E.C.	266	7623	32	786	-	-	-	-
3547	Traveling Wire Electrical Discharge Machines	17	65	1	7	-	-	-	-
3549	All Other Electrical Discharge Machines	73	1365	10	608	-	-	-	-
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	1	211	-	-	-	-	-	-
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, non-NC	35	862	1	28	-	-	-	-
3559	Metal Cutting Machine Tools, NC, N.E.C.	21	1668	1	78	-	-	-	-
3565	Sawing & Cut-off Machines, non-NC	332	6129	65	1238	2	38	-	-
3566	Broaching Machines, non-NC	27	5397	2	718	-	-	-	-
3567	Metal Cutting Machine Tools, non-NC, N.E.C.	316	9622	43	1707	-	-	-	-
4000	Metal Cutting Machine Tools, Used or Rebuilt*	1997	18885	289	3002	-	-	-	-
5000	Metal Cutting Machine Tools, Less Than $2500*	26598	9283	2999	1097	-	-	-	-
	TOTAL CUTTING			3730	30125	2	38	1	8
	TOTAL CUTTING YTD	32023	263517			12	489	285	1912
674:	METAL FORMING								
1011	Die Casting Machines & Parts	-	6098	-	1092	-	4	-	3
3568	Metal Forming Machine Tools, Used or Rebuilt	575	8765	53	699	-	-	-	-
3569	Metal Forming Machine Tools, Less Than $2500	4868	2723	751	424	-	-	-	-
3571	Punching & Shearing Machines, incl. Combination, NC	44	5594	8	377	-	-	-	-
3573	Shearing Machines, non-NC	54	2306	9	204	-	-	-	-
3575	Punching & Combination Punching & Shearing Machines, non-NC	388	11937	24	662	-	-	-	-
3578	Bending, Folding, Straightening & Flattening Machines, NC	107	9121	10	2585	-	-	1	48
3582	Press Brakes, non-NC	82	1963	6	197	-	-	-	-
3583	Bending Rolls, Ram & Press Bending Machines, non-NC	41	2135	4	64	-	-	-	-
3584	Bending,Folding,Str. & Flattening Machines, non-NC, N.E.C.	296	12997	29	976	-	-	-	-
3588	Mechanical Presses, non-NC	179	15334	18	3462	-	-	1	18
3589	Hydraulic Presses, Vertical, Single Action, non-NC	38	3644	7	981	-	-	-	-
3590	Hydraulic & Pneumatic Presses, non-NC, N.E.C.	209	14042	17	627	-	-	1	240
3594	Headers & Upsetters, non-NC	38	6147	6	573	-	-	-	-
3595	Forging Machines, non-NC, N.E.C.	81	6369	14	300	-	-	-	-
3598	Metal Forming Machine Tools, non-NC, N.E.C.	592	25425	69	2791	-	-	-	-
	TOTAL FORMING			1025	16020	-	-	3	309
	TOTAL FORMING YTD	7592	134624			2	183	78	704
	TOTAL ALL TYPES			4755	46145	2	42	4	317
	TOTAL ALL TYPES YTD	39615	398141			14	672	363	2616

Source: U.S. Department of Commerce, Census Report No. EM522; National Machine Tool Builders' Association.

NOTES: 1) a/Dollar amount less than $500; 2) N.E.C. - Not Elsewhere Classified; 3) Individual items may not add to totals due to rounding
4) Beginning in January 1980, foreign trade data for die casting machines are included in the metal forming total.

*Code 6744000 shown above represents combined data from codes 674:3015,3241,3252,3261,3272,3501,3526 & 3554.
Code 6745000 shown above represents combined data from codes 674:3243,3253,3262,3273,3502,3527 & 3557.

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JULY 1982

	DENMARK UNITS	DENMARK $000	FINLAND UNITS	FINLAND $000	FRANCE UNITS	FRANCE $000	GREECE UNITS	GREECE $000	IRELAND UNITS	IRELAND $000	ITALY UNITS	ITALY $000	NETHERLANDS UNITS	NETHERLANDS $000
674:														
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	2	228	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	1	468	1	223	-	-	-	-	1	183	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	1	65	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3528	-	-	-	-	-	-	-	-	-	-	1	210	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3532	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3538	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	-	-	-	-	-	-	-	-	1	88	-	-
3546	-	-	-	-	5	21	-	-	-	-	-	-	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	1	12	-	-	-	-	-	-	-	-	-	-	1	4
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	-	-	4	40
4000	-	-	-	-	-	-	-	-	-	-	-	-	5	47
5000	45	41	1	1	11	3	-	-	-	-	67	6	1	1
CUT MO.	46	52	2	469	17	247	2	228	1	65	70	487	11	91
CUT YTD	499	725	20	2387	198	9760	8	396	29	1645	813	3946	227	931
1011	-	-	-	4	-	2	-	-	-	-		-	-	1
3568	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3569	120	55	-	-	23	9	-	-	32	71	-	-	1	1
3571	-	-	-	-	-	-	-	-	1	22	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3575	-	-	-	-	-	-	-	-	-	-	-	-	5	66
3578	-	-	-	-	1	69	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3588	-	-	-	-	1	298	-	-	-	-	-	-	-	-
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3590	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3598	-	-	1	7	2	59	-	-	-	-	5	254	-	-
FRM MO.	120	55	1	11	27	436	-	-	33	93	5	254	6	69
FRM YTD	219	289	24	3840	252	3510	25	911	51	811	50	4790	96	1783
TOT MO.	166	107	3	480	44	683	2	228	34	159	75	741	17	159
TOT YTD	718	1014	44	6227	450	13269	33	1307	80	2455	863	8735	323	2714

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JULY 1982

	NORWAY		POLAND		ROMANIA		SPAIN		SWEDEN		SWITZERLAND		U. KINGDOM	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	-	-	1	113	-	-	-	-	-	-
3045	-	-	-	-	-	-	1	38	-	-	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	1	307	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	1	118
3216	-	-	-	-	-	-	-	-	-	-	-	-	1	1544
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	2	294
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	-	-	-	-	-	-	-	-	2	38
3264	-	-	-	-	-	-	-	-	-	-	1	1164	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	1	13
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	3	302
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	1	250
3518	-	-	-	-	-	-	-	-	-	-	1	47	1	19
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	-	-	-	-	-	-	1	73
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	-	-	-	-	-	-	-	-	-	-	-	-	2	35
3532	-	-	-	-	-	-	-	-	-	-	-	-	.	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	.	-
3538	-	-	-	-	-	-	-	-	-	-	-	-	2	549
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	-	-	-	-	-	-	-	-	-	-	1	10
3546	-	-	-	-	4	36	-	-	-	-	-	-	-	-
3547	-	-	-	-	-	-	-	-	-	-	1	7	-	-
3549	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	1	28
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	-	-	-	-	-	-	-	-	-	-	-	-	1	27
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	12	261	-	-	-	-	-	-	1	4	-	-	2	50
4000	-	-	-	-	-	-	1	6	1	3	-	-	8	139
5000	-	-	-	-	-	-	1	1	97	17	30	10	409	120
CUT MO.	12	261	-	-	4	36	4	158	100	330	33	1229	439	3608
CUT YTD	26	283	-	-	8	1230	24	3311	238	1354	214	4785	1755	26773
1011	-	-	-	-	-	-	-	-	-	30	-	-	-	26
3568	-	-	-	-	-	-	-	-	-	-	-	-	2	3
3569	-	-	-	-	-	-	-	-	-	-	-	-	1	2
3571	-	-	-	-	-	-	-	-	1	20	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3575	-	-	-	-	-	-	-	-	-	-	-	-	1	4
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	.
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3588	-	-	-	-	2	2100	-	-	-	-	-	-	1	95
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3590	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	2	65
3598	-	-	-	-	-	-	-	-	-	-	-	-	2	112
FRM MO.	-	-	-	-	2	2100	-	-	1	50	-	-	9	307
FRM YTD	13	190	-	-	2	2100	82	1967	20	1153	22	1420	201	7076
TOT MO.	12	261	-	-	6	2136	4	158	101	380	33	1229	448	3915
TOT YTD	39	473	-	-	10	3330	106	5277	258	2506	236	6204	1956	33849

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JULY 1982

	USSR		W. GERMANY		YUGOSLAVIA		CANADA		MEXICO		OTH. N&C AM		ARGENTINA	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	1	9	-	-	2	35	1	16	1	15	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	4	1813	-	-	-	-
3225	-	-	-	-	-	-	-	-	1	158	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	1	653	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	1	15	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	1	114	3	80	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	-	-	-	-	4	203	-	-	-	-
3264	-	-	-	-	-	-	-	-	1	602	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	4	126	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	4	116	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	2	7	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	1	113	-	-	-	-
3515	-	-	-	-	-	-	1	36	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	2	778	-	-	-	-
3518	-	-	-	-	-	-	4	125	8	90	-	-	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	-	-	3	65	-	-	-	-
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	-	-	-	-	-	-	3	19	10	120	-	-	-	-
3532	-	-	-	-	-	-	7	251	14	79	-	-	-	-
3533	-	-	-	-	-	-	3	33	1	26	-	-	-	-
3538	-	-	-	-	-	-	-	-	2	72	1	32	-	-
3541	-	-	-	-	-	-	1	249	1	19	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	4	77	-	-	1	185	10	96	1	2	-	-
3546	-	-	2	8	-	-	1	3	7	440	-	-	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	-	-	-	-	2	236	1	2	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	-	-	-	-	-	-	17	187	7	291	1	16	-	-
3566	-	-	-	-	-	-	2	718	-	-	-	-	-	-
3567	-	-	-	-	-	-	5	554	14	626	-	-	-	-
4000	-	-	27	63	-	-	53	1055	105	1013	7	58	-	-
5000	-	-	10	18	-	-	346	124	110	45	3	1	-	-
CUT MO.	-	-	44	174	-	-	449	3693	321	7888	15	126	-	-
CUT YTD	2	70	874	9080	6	100	7999	39671	2979	54857	908	771	771	5249
1011	-	-	-	-	-	-	-	364	-	36	-	8	-	-
3568	-	-	-	-	-	-	3	98	26	418	1	6	-	-
3569	-	-	21	14	-	-	121	66	60	37	-	-	-	-
3571	-	-	-	-	-	-	1	60	1	48	-	-	-	-
3573	-	-	-	-	-	-	-	-	3	172	-	-	-	-
3575	-	-	-	-	-	-	5	53	5	42	-	-	-	-
3578	-	-	1	46	-	-	2	64	2	91	-	-	-	-
3582	-	-	-	-	-	-	3	64	2	130	-	-	-	-
3583	-	-	-	-	-	-	1	10	3	54	-	-	-	-
3584	-	-	-	-	-	-	6	84	8	531	-	-	1	62
3588	-	-	1	122	-	-	2	30	9	563	-	-	-	-
3589	-	-	-	-	-	-	1	46	4	265	-	-	-	-
3590	-	-	3	120	-	-	2	36	10	193	-	-	-	-
3594	-	-	-	-	-	-	3	186	2	37	-	-	-	-
3595	-	-	-	-	-	-	4	136	-	-	-	-	-	-
3598	-	-	2	57	-	-	10	94	18	788	-	-	-	-
FRM MO.	-	-	28	359	-	-	164	1391	153	3404	1	14	1	62
FRM YTD	-	-	220	2209	1	123	1762	15689	1338	42036	82	1112	2	108
TOT MO.	-	-	72	533	-	-	613	5085	474	11291	16	140	1	62
TOT YTD	2	70	1094	11289	7	223	9761	55360	4317	96893	990	1884	773	5356

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JULY 1987

	BRAZIL UNITS	$000	CHILE UNITS	$000	COLOMBIA UNITS	$000	PERU UNITS	$000	VENEZUELA UNITS	$000	OTH. S. AM. UNITS	$000	INDIA UNITS	$000
6781														
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	4	550	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	1	13	-	-	10	53	-	-	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	-	-	1	13
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	1	224	-	-	-	-
3508	1	432	-	-	-	-	-	-	-	-	-	-	-	-
3510	4	10	-	-	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	4	105	-	-	-	-	-	-	-	-	-	-	-	-
3518	1	12	-	-	-	-	-	-	2	110	2	139	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	2	29	-	-	-	-	-	-	-	-	-	-
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	-	-	-	-	-	-	-	-	-	-	-	-	1	41
3532	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3538	-	-	-	-	-	-	-	-	-	-	-	-	3	673
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3546	1	4	-	-	1	10	-	-	-	-	-	-	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	1	9	-	-	-	-	-	-	-	-	-	-	1	49
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	1	15	-	-	1	47
4000	-	-	-	-	2	57	-	-	2	211	-	-	-	-
5000	8	2	-	-	139	15	3	4	256	142	26	8	63	12
CUT MO.	25	1136	2	29	152	135	3	4	262	711	28	147	70	835
CUT YTD	96	9721	114	615	1022	1330	69	217	1881	4247	69	399	141	4689
1011	-	-	-	-	-	-	-	-	-	27	-	-	-	-
3568	-	-	-	-	3	34	-	-	-	-	-	-	-	-
3569	-	-	-	-	3	4	-	-	34	17	12	3	-	-
3571	-	-	-	-	1	138	-	-	-	-	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	1	10	-	-
3575	2	346	-	-	-	-	-	-	-	-	-	-	-	-
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	1	3	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	1	14	-	-	-	-	-	-	1	29	-	-	-	-
3588	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3589	-	-	-	-	-	-	7	-	-	-	-	-	1	615
3590	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	1	350
3595	-	-	-	-	-	-	-	-	-	-	-	-	6	75
3598	-	-	-	-	1	7	1	19	4	525	-	-	-	-
FRM MO.	3	359	-	-	8	182	1	19	40	601	13	13	8	1040
FRM YTD	60	1845	40	53	60	715	5	60	666	5491	73	727	26	2283
TOT MO.	28	1495	2	29	160	317	4	23	302	1312	41	159	78	1875
TOT YTD	156	11566	154	667	1082	2045	74	278	2547	9738	142	1126	167	6973

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JULY 1982

	IRAN		ISRAEL		JAPAN		KOREAN REP.		PHILLIPINES		SINGAPORE		TAIWAN	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	2	98	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	1	500	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	2	103	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	-	-	-	-	1	27	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	2	60	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	1	7	1	17	4	57
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	1	108	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	4	472	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	4	36	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	2	47	-	-	-	-	-	-	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	2	89	5	385	-	-	-	-
3528	-	-	-	-	1	568	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	-	-	-	-	1	34	-	-	-	-	-	-	-	-
3532	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	-	-	3	64	-	-	-	-	-	-	-	-
3538	-	-	-	-	-	-	24	480	2	35	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	-	-	2	187	-	-	-	-	-	-	-	-
3546	-	-	-	-	1	40	4	101	-	-	1	12	1	4
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	1	1	-	-	-	-	3	342	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	-	-	1	37	1	3	1	198	-	-	1	5	-	-
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	1	78	-	-	1	29
4000	-	-	-	-	7	238	-	-	-	-	61	5	1	4
5000	-	-	53	66	445	94	7	6	20	30	26	9	8	9
CUT MO.	-	-	55	602	471	1959	38	873	36	659	95	488	15	103
CUT YTD	1	612	209	2438	1255	26089	210	3876	471	1760	585	8049	144	5546
1011	-	-	-	-	-	5	-	50	-	2	-	-	-	-
3568	-	-	12	28	-	-	-	-	-	-	-	-	-	-
3569	-	-	-	-	24	20	42	10	-	-	3	2	1	2
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3573	-	-	-	-	-	-	5	21	-	-	-	-	-	-
3575	-	-	-	-	-	-	-	-	1	9	-	-	-	-
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	-	-	1	73	2	105	-	-	-	-	1	10
3588	-	-	-	-	-	-	-	-	1	237	-	-	-	-
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3590	-	-	-	-	1	39	-	-	-	-	-	-	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3598	-	-	-	-	6	341	3	143	-	-	-	-	5	105
FRM MO.	-	-	12	28	32	477	52	729	2	247	3	2	7	117
FRM YTD	-	-	80	1597	274	10286	286	1214	96	324	120	1850	38	375
TOT MO.	-	-	67	630	503	2436	90	1602	38	906	98	490	22	220
TOT YTD	1	612	289	4035	1529	36375	496	5090	567	2084	705	9899	182	5922

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JULY 1982

	TURKEY		OTHER ASIA		AUSTRALIA		N. ZEALAND		REP./S.AFR.		OTH. AFRICA		ALL OT CTRY	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	1	15	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	1	16	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	1	103	-	-	-	-	-	-	-	-
3264	-	-	-	-	1	147	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	2	47	-	-	-	-	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	7	246	-	-	-	-	-	-	-	-
3504	-	-	-	-	2	147	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	2	93	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	1	55	-	-	-	-	-	-	-	-	-	-
3518	-	-	8	167	-	-	-	-	2	50	1	13	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	1	26	-	-	-	-	-	-	1	268	-	-
3528	-	-	1	254	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	-	-	1	8	-	-	-	-	-	-	-	-	-	-
3532	-	-	1	100	-	-	-	-	-	-	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3538	-	-	7	174	-	-	1	144	1	8	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	1	169	-	-	-	-	-	-	-	-	-	-
3546	-	-	-	-	4	109	-	-	-	-	-	-	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	2	26	1	1	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	1	78	-	-	-	-
3565	-	-	6	55	20	270	-	-	3	38	-	-	-	-
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	1	4	-	-
4000	2	42	4	19	-	-	-	-	-	-	3	42	-	-
5000	-	-	144	175	26	29	17	11	623	96	4	4	-	-
CUT MO.	2	42	180	1357	63	1076	19	156	630	269	11	347	-	-
CUT YTD	33	586	2677	10225	2926	4458	64	335	1085	4303	483	3870	593	370
1011	-	-	-	18	-	-	-	-	-	3	-	110	-	-
3568	-	-	5	3	-	-	1	110	-	-	-	-	-	-
3569	-	-	1	2	218	95	-	-	34	17	-	-	-	-
3571	-	-	3	89	-	-	-	-	-	-	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3575	-	-	1	15	3	114	1	14	-	-	-	-	-	-
3578	-	-	1	41	-	-	-	-	-	-	2	2227	-	-
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	2	16	5	33	1	20	-	-	-	-	-	-
3588	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3589	-	-	1	56	-	-	-	-	-	-	-	-	-	-
3590	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	2	24	-	-	-	-	-	-	-	-	-	-
3598	-	-	1	10	8	272	-	-	-	-	-	-	-	-
FRM MO.	-	-	17	273	234	513	3	143	34	20	2	2337	-	-
FRM YTD	1	35	285	4930	414	3229	20	601	438	1399	61	5445	7	135
TOT MO.	2	42	197	1630	297	1589	22	299	664	289	13	2683	-	-
TOT YTD	34	621	2962	15155	3340	7687	84	936	1523	5702	544	9315	600	505

JULY 1982 - U.S. EXPORTS OF MACHINE TOOLS
Total and Countries of Destination
The following is a breakdown of the activity by country which is included in the ALL OTHER columns.

	METAL CUTTING UNITS	METAL CUTTING $000	METAL FORMING UNITS	METAL FORMING $000	TOTAL UNITS	TOTAL $000
EUROPE						
AZORES	-	-	-	-	-	-
BULGARIA	-	-	-	-	-	-
CYPRUS	-	-	-	-	-	-
CZECHOSLOVAKIA	-	-	-	-	-	-
E GERMANY	-	-	-	-	-	-
HUNGARY	-	-	-	-	-	-
ICELAND	-	-	-	-	-	-
PORTUGAL	-	-	-	-	-	-
GIBRALTAR	-	-	-	-	-	-
MALTA	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-
OTHER N.&C.AM						
BAHAMAS	-	-	-	-	-	-
BARBADOS	-	-	-	-	-	-
BELIZE	-	-	-	-	-	-
BERMUDA	-	-	1	6	1	6
CAYMAN	-	-	-	-	-	-
COSTA RICA	1	1	-	-	1	1
DOMINICAN REP.	5	8	-	-	5	9
FR. W. INDIES	-	-	-	-	-	-
GUATEMALA	-	-	-	-	-	-
HAITI	-	-	-	-	-	-
HONDURAS	-	-	-	-	-	-
JAMAICA	-	-	-	-	-	-
LW & WW IS.	1	2	-	-	1	2
NICARAGUA	1	32	-	-	1	32
N. ANTILLES	-	-	-	-	-	-
PANAMA	6	81	-	-	6	81
SALVADOR	-	-	-	-	-	-
TRINIDAD	1	2	-	-	1	2
TOTAL	15	126	1	14	16	160
OTHER S. AMER						
BOLIVIA	-	-	-	-	-	-
ECUADOR	28	147	13	13	41	159
FRENCH GUIANA	-	-	-	-	-	-
GUYANA	-	-	-	-	-	-
PARAGUAY	-	-	-	-	-	-
SURINAM	-	-	-	-	-	-
URUGUAY	-	-	-	-	-	-
TOTAL	28	147	13	13	41	159
OTHER ASIA						
AFGHANISTAN	-	-	-	-	-	-
ADEN	-	-	-	-	-	-
ARAB EMIRATES	16	25	-	-	16	25
BAHRAIN	14	2	-	-	14	2
BANGLADASH	-	-	-	-	-	-
BRUNEI	1	3	-	-	1	3
BURMA	2	1	-	-	2	1
CHINA	3	513	-	-	3	513
GAZA STRIP	-	-	-	-	-	-
HONG KONG	20	209	7	61	27	269
INDONESIA	5	125	-	-	5	125
IRAQ	-	-	-	-	-	-
JORDAN	1	1	-	-	1	1
KUWAIT	38	90	1	41	39	131
LEBANON	-	-	-	-	-	-
MALAYSIA	-	-	-	-	-	-
NEPAL	-	-	-	-	-	-
OMAN	3	1	-	-	3	1
PAKISTAN	2	8	-	-	2	8
QATAR	-	-	-	-	-	-
SAUDI ARABIA	75	379	8	184	83	563
SRI LANKA	-	-	-	-	-	-
SYRIA	-	-	-	-	-	-
THAILAND	-	-	1	2	1	2
YEMEN	-	-	-	-	-	-
TOTAL	180	1357	17	273	197	1630

	METAL CUTTING UNITS	METAL CUTTING $000	METAL FORMING UNITS	METAL FORMING $000	TOTAL UNITS	TOTAL $000
OTHER OCEANIA						
FR. PAC. IS.	-	-	-	-	-	-
NEW GUINEA	-	-	-	-	-	-
TERR. PAC. IS.	-	-	-	-	-	-
OTH. PAC. IS.	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-
OTHER AFRICA						
BOTSWANA	-	-	-	-	-	-
ALGERIA	3	14	2	2227	5	2241
ANGOLA	1	2	-	-	1	2
BENIN	-	-	-	-	-	-
CAMEROON	-	-	-	-	-	-
CANARY ISLANDS	-	-	-	-	-	-
DAHOMEY	-	-	-	-	-	-
EGYPT	2	269	-	-	2	378
ETHIOPIA	-	-	-	-	-	-
GABON	-	-	-	-	-	-
GHANA	1	16	-	-	1	17
GUINEA	3	42	-	-	3	42
KENYA	-	-	-	-	-	-
LIBERIA	-	-	-	-	-	-
LIBYA	-	-	-	-	-	-
MALAWI	-	-	-	-	-	-
MAURITANIA	-	-	-	-	-	-
MOROCCO	-	-	-	-	-	-
MOZAMBIQUE	-	-	-	-	-	-
NIGER	-	-	-	-	-	-
NIGERIA	-	-	-	-	-	-
RWANDA	-	-	-	-	-	-
SENEGAL	-	-	-	-	-	-
SIERRA LEONE	-	-	-	-	-	-
SOMALIA	-	-	-	-	-	-
S. W. AFRICA	-	-	-	-	-	-
SUDAN	-	-	-	-	-	-
SWAZILAND	-	-	-	-	-	-
TANZANIA	-	-	-	-	-	-
TUNISIA	-	-	-	-	-	-
ZIMBABWE	-	-	-	-	-	-
WEST AFRICA	-	-	-	-	-	-
ZAIRE	1	6	-	-	1	6
ZAMBIA	-	-	-	-	-	-
OTH WEST AFR.	-	-	-	-	-	-
IVORY COAST	-	-	-	-	-	-
MAURITIUS	-	-	-	-	-	-
TOGO	-	-	-	-	-	-
TOTAL	11	347	2	2227	13	2683

RELEASED: October 8, 1982

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JULY 1982

674:		TOTAL YTD		TOTAL MO.		AUSTRIA		BELGIUM	
	METAL CUTTING	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	Gear Hobbers	70	7025	1	136	-	-	-	-
3035	Gear Shapers	9	462	-	-	-	-	-	-
3045	Gear Cutting Machines, N.E.C.	16	2002	2	16	-	-	-	-
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26'' or Less	579	47789	64	5752	-	-	-	-
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26''	95	12438	18	2624	-	-	-	-
3209	Horizontal Machining Centers, ATC, NC	209	30180	23	4419	-	-	-	-
3211	Machining Centers, NC, N.E.C.	260	28630	23	2570	-	-	-	-
3212	Single Station and Multi-Station Transfer Machines	42	3833	15	466	-	-	-	-
3213	Way Type Machines (Unit Heads)	-	-	-	-	-	-	-	-
3217	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	9	2035	-	-	-	-	-	-
3218	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	-	-	-	-	-	-	-	-
3219	Vertical Boring-Drilling-Milling Machines,NC	60	6197	3	453	-	-	-	-
3222	Horiz. Boring-Drilling-Milling Machines,non-NC	80	9665	3	415	-	-	-	-
3223	Vertical Boring-Drilling-Milling Machines,non-NC	2016	10874	125	1854	-	-	-	-
3228	Drilling Machines,NC	4	281	-	-	-	-	-	-
3229	Drilling Machines, Multi-Spindle, non-NC	46	2279	1	552	-	-	-	-
3234	Drilling Machines, Radial, non-NC	436	5555	53	536	-	-	-	-
3236	Drilling Machines, Upright, Single Spindle, non-NC	85	461	7	74	-	-	-	-
3242	Drilling Machines, non-NC, N.E.C.	102	4748	26	496	-	-	-	-
3264	Milling Machines, NC	146	3963	30	530	-	-	-	-
3266	Milling Machines, Profiling, Dupl. & Die Sinking, non-NC	115	4250	9	1002	-	-	-	-
3267	Milling Machines, Knee Type, non-NC	1970	18727	238	2097	-	-	-	-
3268	Milling Machines, Bed Type, non-NC	138	6442	15	533	-	-	-	-
3269	Milling Machines, non-NC, N.E.C.	1827	16518	179	1873	-	-	1	30
3276	Vertical Boring Machines, incl. VTL's, NC	29	6012	6	1803	-	-	-	-
3277	Vertical Boring Machines, incl. VTL's, non-NC	98	6787	8	640	-	-	-	-
3281	Boring Machines, NC, N.E.C.	8	1648	2	399	-	-	-	-
3283	Boring Machines, non-NC, N.E.C.	101	9107	10	140	-	-	-	-
3507	Horizontal Lathes, NC, Less Than 25 HP	976	58327	57	3257	-	-	-	-
3509	Horizontal Lathes, NC, 25-50 HP	502	47112	26	2387	-	-	-	-
3511	Horizontal Lathes, NC, Over 50 HP	186	31828	23	3324	-	-	4	119
3512	Horizontal Engine & Toolroom Lathes, non-NC	4031	44033	459	4427	1	13	-	-
3513	Automatic Chucking Lathes, Single Spindle, non-NC	73	1369	3	13	-	-	-	-
3514	Automatic Chucking Lathes, Multi-Spindle, non-NC	82	3785	4	1055	-	-	-	-
3515	Automatic Bar Machines, Single Spindle, non-NC	103	4253	7	134	-	-	-	-
3516	Automatic Bar Machines, Multi-Spindle, non-NC	43	2350	3	153	-	-	-	-
3518	Horizontal Lathes, non-NC, N.E.C.	521	12710	37	1512	-	-	-	-
3521	Vertical Lathes, excl. VTL's, NC	158	15529	8	1031	-	-	-	-
3522	Vertical Lathes, excl. VTL's, non-NC	845	17781	142	3017	-	-	1	15
3527	Gear Tooth Grinding & Finishing Machines	70	5887	10	1560	-	-	1	166
3528	Tool & Cutter Grinding Machines, NC	52	3188	8	756	-	-	-	-
3529	Tool & Cutter Grinding Machines, non-NC	615	12594	62	834	-	-	-	-
3533	Honing & Lapping Machines	134	4016	20	570	-	-	-	-
3539	Grinding Machines, Flat Surface, NC	12	1556	4	534	-	-	-	-
3541	Grinding Machines, Flat Surface Reciprocating Table,non-NC	431	7763	43	437	-	-	-	-
3543	Grinding Machines, Flat Surface, non-NC, N.E.C.	794	12835	112	1715	-	-	-	-
3546	Grinding & Polishing Machines, NC, N.E.C.	31	2926	1	210	-	-	-	-
3554	External Grinding Machines, non-NC	220	7593	19	1160	-	-	-	-
3556	Internal Grinding Machines, non-NC	88	3202	7	455	-	-	-	-
3558	Grinding, Polishing & Buffing Machines, non-NC, N.E.C.	126	3764	20	928	-	-	-	-
3559	Grinding Machines, non-NC, N.E.C.	444	14164	35	1278	-	-	-	-
3562	Traveling Wire Electrical Discharge Machines	116	7385	1	23	-	-	-	-
3564	All Other Electrical Discharge Machines	66	3657	10	391	-	-	-	-
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	41	2591	-	-	-	-	-	-
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, non-NC	60	2129	9	164	-	-	-	-
3576	Metal Cutting Machine Tools, NC, N.E.C.	23	1589	-	-	-	-	-	-
3577	Sawing & Cut-off Machines, non-NC	601	8767	95	1451	-	-	-	-
3578	Broaching Machines, non-NC	69	5308	3	61	-	-	-	-
3579	Metal Cutting Machine Tools, non-NC, N.E.C.	377	16876	60	1096	-	-	-	-
4000	Metal Cutting Machine Tools, Used or Rebuilt*	6308	22913	278	2179	-	-	5	36
5000	Metal Cutting Machine Tools, Less Than $2500*	660404	42757	71192	4618	-	-	-	-
	TOTAL CUTTING			73619	70094	1	13	12	366
	TOTAL CUTTING YTD	687432	686563			1090	1323	143	2163
674:	METAL FORMING								
1010	Die Casting Machines	81	3769	8	290	-	-	-	-
3582	Metal Forming Machine Tools, Used or Rebuilt	312	2467	51	344	-	-	-	-
3583	Metal Forming Machine Tools, Less Than $2500	18650	3512	2479	348	-	-	-	-
3584	Punching & Shearing Machines, incl. Combination, NC	122	16484	11	1692	-	-	-	-
3586	Shearing Machines, non-NC	348	4410	38	539	-	-	1	13
3587	Punching & Combination Punching & Shearing Machines, non-NC	495	5584	42	629	-	-	-	-
3588	Bending, Folding, Straightening & Flattening Machines, NC	29	1943	4	239	-	-	-	-
3589	Press Brakes, non-NC	202	3533	35	307	-	-	5	58
3591	Bending Rolls, Ram & Press Bending Machines, non-NC	89	2621	14	207	-	-	-	-
3592	Bending,Folding,Str. & Flattening Machines, non-NC, N.E.C.	488	8640	37	460	-	-	1	5
3593	Metal Forming Machine Tools, NC, N.E.C.	5	1742	-	-	-	-	-	-
3594	Mechanical Presses, non-NC	115	5585	18	889	1	a	-	-
3595	Hydraulic Presses, Vertical, Single Action, non-NC	72	1574	8	153	-	-	-	-
3596	Hydraulic & Pneumatic Presses, non-NC, N.E.C.	169	11011	35	798	-	-	5	102
3597	Headers & Upsetters, non-NC	89	8330	7	614	-	-	-	-
3598	Forging Machines, non-NC, N.E.C.	37	6516	14	1026	-	-	-	-
3599	Metal Forming Machine Tools, non-NC, N.E.C.	510	21155	84	2864	-	-	1	47
	TOTAL FORMING			2885	11390	1	a	13	226
	TOTAL FORMING YTD	21814	106896			44	1364	54	2417
	TOTAL ALL TYPES			76504	81484	2	18	25	591
	TOTAL ALL TYPES YTD	709246	793459			1134	2687	197	4580

Source: U.S. Department of Commerce, Census Report No. IM146; National Machine Tool Builders' Association.

NOTES: 1) a/Dollar amount less than $500; 2) N.E.C. - Not Elsewhere Classified; 3) Individual items may not add to totals due to rounding.
4) Machine tool imports, as reflected in the government statistics, are actually undervalued since they reflect values in the country of origin and do not include ocean freight, insurance, dealer's commission or import duties.
5) Beginning in January 1980, foreign trade data for die casting machines are included in the metal forming total. U.S. die casting imports are not available for previous years.

*Code 6744000 shown above represents combined data from codes 674:3015,3215,3226,3261,3272,3502,3524 & 3573.
Code 6745000 shown above represents combined data from codes 674:3227,3262,3273,3503,3526 & 3574.

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JULY 1982

	CZECHO.		DENMARK		E. GERMANY		FRANCE		ITALY		NETHERLANDS		NORWAY	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3035	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	2	417	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3212	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3222	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3223	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3228	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3229	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3234	-	-	-	-	-	-	1	3	-	-	-	-	-	-
3236	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3242	-	-	-	-	-	-	-	-	2	59	-	-	-	-
3264	-	-	-	-	-	-	1	29	6	224	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	1	5	-	-
3267	-	-	-	-	-	-	-	-	1	4	-	-	-	-
3268	-	-	-	-	-	-	-	-	2	75	-	-	-	-
3269	-	-	-	-	-	-	-	-	3	65	-	-	-	-
3276	-	-	-	-	-	-	-	-	1	246	-	-	-	-
3277	-	-	-	-	-	-	-	-	1	6	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	1	8	5	70	-	-	-	-
3507	-	-	-	-	-	-	2	95	1	4	-	-	-	-
3509	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	2	25	-	-	-	-	-	-	1	84	-	-	-	-
3513	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3514	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3521	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3522	1	8	-	-	-	-	4	20	10	90	-	-	-	-
3527	-	-	-	-	-	-	-	-	-	-	1	3	-	-
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	4	17	-	-	-	-	-	-	1	48	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3539	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	12	151	-	-	-	-
3543	-	-	3	49	-	-	-	-	5	59	-	-	-	-
3546	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3554	-	-	-	-	-	-	-	-	2	51	-	-	-	-
3556	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3558	1	24	-	-	-	-	-	-	3	210	-	-	-	-
3559	-	-	2	13	-	-	1	28	5	36	1	9	-	-
3562	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3564	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3576	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3577	-	-	-	-	-	-	6	90	17	144	2	6	1	9
3578	-	-	-	-	-	-	-	-	3	61	-	-	-	-
3579	-	-	-	-	-	-	-	-	10	100	1	56	-	-
4000	6	20	-	-	11	65	4	361	4	26	3	16	-	-
5000	-	-	8	5	-	-	496	56	130	145	1	2	-	-
CUT MO.	10	78	17	83	11	65	516	700	224	2326	11	145	1	9
CUT YTD	123	1505	356	588	74	1428	2064	7057	10183	26554	307	996	7	137
1010	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	1	17	-	-	-	-
3583	-	-	-	-	-	-	56	14	4	2	4	5	-	-
3584	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3586	-	-	-	-	-	-	2	44	5	45	-	-	-	-
3587	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3588	-	-	-	-	-	-	-	-	1	166	-	-	-	-
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3591	-	-	1	36	-	-	-	-	-	-	-	-	-	-
3592	-	-	-	-	-	-	1	60	9	161	-	-	-	-
3593	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3594	-	-	-	-	-	-	-	-	2	198	-	-	-	-
3595	-	-	-	-	-	-	-	-	1	10	-	-	-	-
3596	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3597	-	-	-	-	-	-	-	-	2	114	-	-	-	-
3598	-	-	-	-	-	-	3	106	2	339	-	-	-	-
3599	-	-	-	-	-	-	1	57	10	67	-	-	3	168
FRM MO.	-	-	1	36	-	-	63	281	37	1118	4	5	3	168
FRM YTD	-	-	31	439	-	-	888	3076	834	6369	50	269	14	717
TOT MO.	10	78	18	120	11	65	579	981	261	3444	15	149	4	177
TOT YTD	123	1505	387	1027	74	1428	2952	10133	11017	32923	357	1264	21	855

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JULY 1982

	POLAND		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND		U. KINGDOM		W. GERMANY	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	-	-	-	-	-	-	-	-	-	-	-	-	1	136
3035	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	2	16	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	1	571	-	-
3209	-	-	-	-	-	-	-	-	-	-	1	322	4	1641
3211	-	-	-	-	-	-	-	-	-	-	1	85	-	-
3212	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	-	-	-	-	-	-	1	311	2	143
3222	1	57	-	-	-	-	-	-	-	-	1	301	-	-
3223	-	-	-	-	-	-	-	-	4	1323	2	327	-	-
3228	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3229	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3234	5	63	-	-	1	19	-	-	-	-	3	20	-	-
3236	-	-	-	-	7	74	-	-	-	-	-	-	-	-
3242	-	-	-	-	-	-	-	-	5	16	5	63	4	66
3264	-	-	-	-	1	103	-	-	-	-	-	-	1	19
3266	-	-	-	-	-	-	-	-	1	5	-	-	4	960
3267	-	-	-	-	148	790	4	193	-	-	8	573	2	78
3268	-	-	-	-	-	-	8	179	-	-	-	-	1	86
3269	-	-	-	-	6	86	-	-	2	35	4	39	9	420
3276	-	-	-	-	-	-	-	-	-	-	-	-	2	897
3277	-	-	-	-	-	-	-	-	2	329	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	2	399	-	-
3283	-	-	-	-	1	20	-	-	-	-	-	-	-	-
3507	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3509	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	4	662	-	-	-	-	1	107
3512	39	761	-	-	12	88	1	23	-	-	88	738	2	95
3513	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3514	-	-	-	-	-	-	-	-	-	-	3	672	1	383
3515	-	-	-	-	-	-	-	-	1	38	-	-	2	64
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	8	247	-	-	2	116
3521	-	-	-	-	-	-	-	-	1	165	-	-	2	429
3522	-	-	-	-	-	-	-	-	-	-	2	17	16	555
3527	-	-	-	-	-	-	-	-	5	1019	2	30	1	342
3528	-	-	-	-	-	-	-	-	2	197	-	-	1	27
3529	-	-	-	-	-	-	1	7	9	149	9	235	22	122
3533	-	-	-	-	-	-	-	-	1	30	16	142	1	280
3539	-	-	-	-	-	-	-	-	-	-	-	-	3	453
3541	-	-	-	-	1	18	-	-	-	-	-	-	2	53
3543	-	-	-	-	-	-	-	-	1	147	5	199	2	197
3546	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3554	-	-	-	-	-	-	-	-	3	174	4	436	2	69
3556	-	-	-	-	-	-	-	-	1	90	-	-	2	229
3558	-	-	-	-	-	-	-	-	3	309	3	69	5	50
3559	-	-	-	-	-	-	-	-	1	179	4	249	8	470
3562	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3564	-	-	-	-	-	-	-	-	7	146	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3571	-	-	-	-	-	-	-	-	-	-	6	93	-	-
3576	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3577	-	-	-	-	-	-	-	-	1	18	-	-	34	313
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3579	-	-	-	-	1	7	-	-	-	-	16	454	2	45
4000	3	4	-	-	1	29	1	1	5	101	133	799	47	361
5000	-	-	-	-	21	30	46	59	65	24	296	211	568	267
CUT MO.	48	885	-	-	200	1264	65	1124	128	4738	618	7369	756	9473
CUT YTD	278	5926	69	287	1552	12682	587	8248	1879	35244	5095	69468	7063	80465
1010	-	-	-	-	-	-	-	-	-	-	4	34	1	103
3582	-	-	-	-	-	-	-	-	-	-	36	117	8	156
3583	-	-	-	-	8	4	1	a/	6	6	6	9	563	45
3584	-	-	-	-	-	-	-	-	1	516	-	-	4	461
3586	-	-	-	-	-	-	-	-	-	-	-	-	3	12
3587	-	-	-	-	4	37	1	16	-	-	-	-	27	203
3588	-	-	-	-	-	-	-	-	-	-	-	-	2	22
3589	-	-	-	-	-	-	17	59	-	-	1	3	-	-
3591	-	-	-	-	-	-	11	165	-	-	2	5	-	-
3592	-	-	-	-	-	-	1	4	-	-	1	49	5	47
3593	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3594	-	-	-	-	-	-	-	-	7	352	-	-	1	24
3595	-	-	-	-	-	-	-	-	-	-	3	35	1	8
3596	-	-	-	-	9	61	3	199	1	14	7	154	3	54
3597	-	-	-	-	-	-	-	-	-	-	-	-	1	160
3598	-	-	-	-	-	-	-	-	-	-	1	188	4	373
3599	-	-	-	-	-	-	-	-	5	337	7	305	35	1050
FRM MO.	-	-	-	-	21	102	34	444	20	1226	68	899	658	2724
FRM YTD	-	-	-	-	191	1212	240	6467	696	7341	651	6911	2350	27305
TOT MO.	48	885	-	-	221	1366	99	1569	148	5965	686	8269	1414	12196
TOT YTD	278	5926	69	287	1743	13894	827	14716	2575	42585	5746	76379	9413	107770

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JULY 1982

	YUGOSLAVIA		CANADA		INDIA		JAPAN		TAIWAN		AUSTRALIA		ALL OTHERS	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3035	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	64	5752	-	-	-	-	-	-
3206	-	-	-	-	-	-	17	2053	-	-	-	-	-	-
3209	-	-	-	-	-	-	16	2039	-	-	-	-	-	-
3211	-	-	-	-	-	-	22	2484	-	-	-	-	-	-
3212	-	-	15	466	-	-	-	-	-	-	-	-	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3222	-	-	-	-	-	-	1	57	-	-	-	-	-	-
3223	-	-	-	-	-	-	-	-	117	99	-	-	2	105
3228	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3229	-	-	1	552	-	-	-	-	-	-	-	-	-	-
3234	-	-	-	-	-	-	32	380	11	52	-	-	-	-
3236	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3242	-	-	2	195	-	-	6	59	-	-	-	-	2	39
3264	-	-	-	-	-	-	3	94	20	62	-	-	-	-
3266	-	-	-	-	-	-	-	-	3	31	-	-	-	-
3267	-	-	2	19	-	-	6	166	67	273	-	-	-	-
3268	-	-	-	-	-	-	4	193	-	-	-	-	-	-
3269	-	-	3	99	-	-	5	118	112	554	-	-	34	427
3276	-	-	-	-	-	-	3	660	-	-	-	-	-	-
3277	-	-	-	-	-	-	3	109	-	-	-	-	2	195
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	1	6	-	-	-	-	-	-	-	-	2	37
3507	-	-	-	-	-	-	41	2562	-	-	-	-	13	596
3509	-	-	-	-	-	-	26	2367	-	-	-	-	-	-
3511	-	-	-	-	-	-	14	2435	-	-	-	-	-	-
3512	18	205	4	58	-	-	11	454	80	477	-	-	200	1406
3513	-	-	-	-	-	-	-	-	3	13	-	-	-	-
3514	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	4	33	-	-	-	-
3516	-	-	-	-	-	-	3	153	-	-	-	-	-	-
3518	-	-	-	-	-	-	13	947	13	172	-	-	1	30
3521	-	-	-	-	-	-	5	437	-	-	-	-	-	-
3522	100	1549	2	23	-	-	5	720	1	21	-	-	-	-
3527	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3528	-	-	-	-	-	-	4	526	1	6	-	-	-	-
3529	-	-	-	-	-	-	10	219	5	19	-	-	1	20
3533	-	-	-	-	-	-	2	119	-	-	-	-	-	-
3539	-	-	-	-	-	-	1	81	-	-	-	-	-	-
3541	-	-	-	-	-	-	27	194	-	-	-	-	1	21
3543	-	-	-	-	-	-	51	779	33	149	-	-	12	136
3546	-	-	-	-	-	-	1	210	-	-	-	-	-	-
3554	-	-	-	-	-	-	5	417	-	-	-	-	3	13
3556	-	-	-	-	-	-	2	120	2	17	-	-	-	-
3558	-	-	-	-	-	-	4	234	-	-	-	-	1	32
3559	-	-	5	81	-	-	6	199	2	13	-	-	-	-
3562	-	-	-	-	-	-	1	23	-	-	-	-	-	-
3564	-	-	-	-	-	-	3	245	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3571	-	-	1	38	-	-	2	33	-	-	-	-	-	-
3576	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3577	-	-	2	46	-	-	27	656	2	8	-	-	3	163
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3579	-	-	3	17	-	-	8	361	19	56	-	-	-	-
4000	-	-	28	263	1	17	11	54	5	20	-	-	10	5
5000	-	-	1018	168	-	-	2772	396	65612	3164	-	-	159	77
CUT MO.	118	1754	1087	2030	1	17	3237	29102	66112	5236	-	-	446	3304
CUT YTD	305	5963	5843	13874	97	1354	47211	318362	598113	58387	1	90	4992	34387
1010	-	-	3	153	-	-	-	-	-	-	-	-	-	-
3582	-	-	5	24	-	-	1	30	-	-	-	-	-	-
3583	-	-	73	31	-	-	671	33	974	119	-	-	113	29
3584	-	-	-	-	-	-	6	715	-	-	-	-	-	-
3586	-	-	1	15	-	-	26	410	-	-	-	-	-	-
3587	-	-	1	26	-	-	8	344	1	3	-	-	-	-
3588	-	-	-	-	-	-	-	-	-	-	-	-	1	51
3589	-	-	3	34	-	-	8	92	-	-	-	-	1	61
3591	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3592	-	-	15	122	-	-	4	10	-	-	-	-	-	-
3593	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3594	-	-	5	71	-	-	2	240	-	-	-	-	-	-
3595	-	-	3	100	-	-	-	-	-	-	-	-	-	-
3596	-	-	3	74	-	-	4	128	-	-	-	-	-	-
3597	-	-	-	-	-	-	4	341	-	-	-	-	-	-
3598	-	-	-	-	-	-	-	-	-	-	-	-	4	20
3599	-	-	8	699	-	-	13	125	-	-	-	-	1	3
FRM MO.	-	-	120	1349	-	-	747	2518	975	122	-	-	120	165
FRM YTD	-	-	1649	8111	114	8	7424	32222	6138	677	7	58	439	1915
TOT MO.	118	1754	1207	3379	1	17	3984	31620	67087	5358	-	-	566	3469
TOT YTD	305	5963	7492	21984	211	1362	54635	350583	604251	59063	8	148	5431	36302

JULY 1982 - U.S. IMPORTS OF MACHINE TOOLS
Total and Countries of Origin

The following is a breakdown of the activity by country which is included in the ALL OTHER column on page 4.

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
EUROPE						
AZORES	-	-	-	-	-	-
BULGARIA	7	55	-	-	7	55
CYPRUS	-	-	-	-	-	-
FINLAND	20	11	102	25	122	36
GREECE	-	-	-	-	-	-
HUNGARY	[illegible]	22	-	-	1	22
ICELAND	-	-	-	-	-	-
IRELAND	-	-	-	-	-	-
ROMANIA	49	444	-	-	49	444
USSR	-	-	-	-	-	-
GIBRALTAR	-	-	-	-	-	-
MALTA	-	-	-	-	-	-
TOTAL	77	532	102	25	179	557
OTHER N.&C.AM						
BAHAMAS	-	-	-	-	-	-
BARBADOS	-	-	-	-	-	-
BELIZE	-	-	-	-	-	-
BERMUDA	-	-	-	-	-	-
CAYMAN	-	-	-	-	-	-
COSTA RICA	-	-	-	-	-	-
DOMINICAN REP.	-	-	-	-	-	-
FR. W. INDIES	-	-	-	-	-	-
GUATEMALA	-	-	-	-	-	-
HAITI	-	-	-	-	-	-
HONDURAS	-	-	-	-	-	-
JAMAICA	-	-	-	-	-	-
LW & WW IS.	-	-	-	-	-	-
MEXICO	-	-	-	-	-	-
NICARAGUA	-	-	-	-	-	-
N. ANTILLES	-	-	-	-	-	-
PANAMA	-	-	-	-	-	-
SALVADOR	-	-	-	-	-	-
TRINIDAD	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-
OTHER S. AMER						
ARGENTINA	-	-	-	-	-	-
BOLIVIA	-	-	-	-	-	-
BRAZIL	133	793	-	-	133	793
CHILE	-	-	-	-	-	-
COLOMBIA	-	-	-	-	-	-
ECUADOR	-	-	-	-	-	-
FRENCH GUIANA	-	-	-	-	-	-
GUYANA	-	-	-	-	-	-
PARAGUAY	-	-	-	-	-	-
PERU	-	-	14	23	14	23
SURINAM	-	-	-	-	-	-
URUGUAY	-	-	-	-	-	-
VENEZUELA	-	-	-	-	-	-
TOTAL	133	793	14	23	147	816
OTHER ASIA						
AFGHANISTAN	-	-	-	-	-	-
ADEN	-	-	-	-	-	-
ARAB EMIRATES	-	-	-	-	-	-
BAHRAIN	-	-	-	-	-	-
BANGLADASH	-	-	-	-	-	-
BRUNEI	-	-	-	-	-	-
BURMA	-	-	-	-	-	-
CHINA	105	155	-	-	105	155
GAZA STRIP	-	-	-	-	-	-
HONG KONG	8	16	1	1	9	17
INDONESIA	-	-	-	-	-	-
IRAN	-	-	-	-	-	-
IRAQ	-	-	-	-	-	-
ISRAEL	3	163	2	112	5	275
JORDAN	-	-	-	-	-	-
KOREAN REP.	53	936	-	-	53	936
KUWAIT	-	-	-	-	-	-
LEBANON	-	-	-	-	-	-
MALAYSIA	-	-	-	-	-	-
NEPAL	-	-	-	-	-	-
OMAN	-	-	-	-	-	-
PAKISTAN	-	-	-	-	-	-
PHILLIPINES	-	-	-	-	-	-
QATAR	-	-	-	-	-	-
SAUDI ARABIA	-	-	-	-	-	-
SINGAPORE	67	710	1	3	68	713
SRI LANKA	-	-	-	-	-	-
SYRIA	-	-	-	-	-	-
THAILAND	-	-	-	-	-	-
TURKEY	-	-	-	-	-	-
YEMEN	-	-	-	-	-	-
TOTAL	236	1979	4	117	240	2096

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER OCEANIA						
FR. PAC. IS.	-	-	-	-	-	-
NEW GUINEA	-	-	-	-	-	-
NEW ZEALAND	-	-	-	-	-	-
TERR. PAC. IS.	-	-	-	-	-	-
OTH. PAC. IS.	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-
OTHER AFRICA						
BOTSWANA	-	-	-	-	-	-
ALGERIA	-	-	-	-	-	-
ANGOLA	-	-	-	-	-	-
BENIN	-	-	-	-	-	-
CAMEROON	-	-	-	-	-	-
CANARY ISLANDS	-	-	-	-	-	-
DAHOMEY	-	-	-	-	-	-
EGYPT	-	-	-	-	-	-
ETHIOPIA	-	-	-	-	-	-
GABON	-	-	-	-	-	-
GHANA	-	-	-	-	-	-
GUINEA	-	-	-	-	-	-
KENYA	-	-	-	-	-	-
LIBERIA	-	-	-	-	-	-
LIBYA	-	-	-	-	-	-
MALAWI	-	-	-	-	-	-
MAURITANIA	-	-	-	-	-	-
MOROCCO	-	-	-	-	-	-
MOZAMBIQUE	-	-	-	-	-	-
NIGER	-	-	-	-	-	-
NIGERIA	-	-	-	-	-	-
REP. S. AFRICA	-	-	-	-	-	-
RWANDA	-	-	-	-	-	-
SENEGAL	-	-	-	-	-	-
SIERRA LEONE	-	-	-	-	-	-
SOMALIA	-	-	-	-	-	-
S. W. AFRICA	-	-	-	-	-	-
SUDAN	-	-	-	-	-	-
SWAZILAND	-	-	-	-	-	-
TANZANIA	-	-	-	-	-	-
TUNISIA	-	-	-	-	-	-
ZIMBABWE	-	-	-	-	-	-
WEST AFRICA	-	-	-	-	-	-
ZAIRE	-	-	-	-	-	-
	-	-	-	-	-	-